

AMERICAN JOURNAL OF OPHTHALMOLOGY®

Volume 101
JANUARY—JUNE, 1986

FRANK W. NEWELL, *Publisher and Editor-in-Chief*
Tribune Tower, Suite 1415, Chicago, Illinois 60611

EDITORIAL BOARD

- | | |
|---|--|
| MATHEA R. ALLANSMITH, <i>Boston</i> | NANCY M. NEWMAN, <i>San Francisco</i> |
| DOUGLAS R. ANDERSON, <i>Miami</i> | DON H. NICHOLSON, <i>Miami</i> |
| JULES BAUM, <i>Boston</i> | EDWARD W. D. NORTON, <i>Miami</i> |
| WILLIAM M. BOURNE, <i>Rochester</i> | ARNALL PATZ, <i>Baltimore</i> |
| RONALD M. BURDE, <i>St. Louis</i> | DEBORAH PAVAN-LANGSTON, <i>Boston</i> |
| FRED EDERER, <i>Bethesda</i> | THOMAS H. PETTIT, <i>Los Angeles</i> |
| FREDERICK T. FRAUNFELDER, <i>Portland</i> | ALLEN M. PUTTERMAN, <i>Chicago</i> |
| EUGENE HELVESTON, <i>Indianapolis</i> | DENNIS ROBERTSON, <i>Rochester</i> |
| FREDERICK A. JAKOBIEC, <i>New York</i> | STEPHEN J. RYAN, <i>Los Angeles</i> |
| HERBERT E. KAUFMAN, <i>New Orleans</i> | JERRY A. SHIELDS, <i>Philadelphia</i> |
| KENNETH R. KENYON, <i>Boston</i> | DAVID SHOCH, <i>Chicago</i> |
| STEVEN G. KRAMER, <i>San Francisco</i> | RONALD E. SMITH, <i>Los Angeles</i> |
| IRVING H. LEOPOLD, <i>Irvine</i> | BRUCE E. SPIVEY, <i>San Francisco</i> |
| ROBERT MACHEMER, <i>Durham</i> | BRADLEY R. STRAATSMA, <i>Los Angeles</i> |
| A. EDWARD MAUMENEE, <i>Baltimore</i> | E. MICHAEL VAN BUSKIRK, <i>Portland</i> |
| IRENE H. MAUMENEE, <i>Baltimore</i> | GUNTER K. VON NOORDEN, <i>Houston</i> |
- GEORGE O. WARING, *Atlanta*

CONSULTING BOARD

- | | |
|----------------------------------|---|
| CROWELL BEARD, <i>San Jose</i> | DUPONT GUERRY III, <i>Richmond</i> |
| BERNARD BECKER, <i>St. Louis</i> | ROBERT W. HOLLENHORST, <i>Rochester</i> |
| BENJAMIN F. BOYD, <i>Panama</i> | ARTHUR H. KEENEY, <i>Louisville</i> |
| RONALD E. CARR, <i>New York</i> | CARL KUPFER, <i>Bethesda</i> |
| THOMAS CHALKLEY, <i>Chicago</i> | ALBERT M. POTTS, <i>Tucson</i> |
| CLAES H. DOHLMAN, <i>Boston</i> | MARVIN L. SEARS, <i>New Haven</i> |

H. STANLEY THOMPSON, *Book Review Editor*
THOMAS M. AABERG, *Senior Associate Editor*
MICHAEL A. KASS, *Associate Editor*
MARY L. BORYSEWICZ, *Executive Managing Editor*

COLLABORATORS

MARK GREENWALD, *Chicago*,
RONALD F. LOWE, *Melbourne, Australia*, AND E. LEE STOCK, *Chicago*

PUBLISHED MONTHLY BY THE OPHTHALMIC PUBLISHING COMPANY
Tribune Tower, Suite 1415, Chicago, Illinois 60611

AMERICAN JOURNAL
OF
DENTISTRY

PUBLISHED MONTHLY
BY THE
AMERICAN DENTAL ASSOCIATION
535 N. Dearborn St., Chicago, Ill.
Subscription Price, \$5.00 per Annum in Advance
Single Copies, 15 Cents

Entered as Second-Class Matter, May 2, 1902, under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under

Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under

Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under

Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under
Post Office No. 383, at Chicago, Ill., under

SUBJECT INDEX

Note: Abstract Index follows Author Index

A

Ablative photodecomposition

Endoexcimer laser intraocular ablative photodecomposition (correspondence), 130

Accommodation

Nonaccommodative convergence excess, 70

Acetazolamide

Acetazolamide and advanced liver disease (letter), 611

Acquired immune deficiency syndrome

Antiviral therapy for cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405

Bilateral angle-closure glaucoma in association with the acquired immune deficiency syndrome, 419

Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153

HTLV-III screening by eye banks (correspondence), 385

Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149

Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246

Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248

Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95

Afferent pupillary defect

Functional monocular temporal hemianopsia, 226

Initial pupillary constriction in the alternating light test (letter), 120

Pupullography of a relative afferent pupillary defect, 320

Allergy

Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278

Amblyopia

Juvenile myasthenia gravis and amblyopia, 214

Anesthesia

Contralateral amaurosis after retrobulbar injection, 689

Angiomatosis retinae

Rhegmatogenous retinal detachment in angiomatosis retinae, 187

Angle-closure glaucoma

Bilateral angle-closure glaucoma in association with the acquired immune deficiency syndrome, 419

Retinal damage after argon laser iridotomy, 554

Anterior chamber

Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368

Removal of fibrin clot from anterior chamber in endophthalmitis (letter), 251

Anterior segment

Fiberoptic slit-lamp attachment (letter), 498

Graft rejection and glaucoma, 294

Antibody

Absence of antibody production in patients treated with botulinum A toxin, 232

HTLV-III screening by eye banks (correspondence), 385

Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149

Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160

Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246

Antigen

Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584

Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368

Antihistamine

Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376

Aqueous humor

High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102

Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368

Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673

Aspergillus sp.

Corneal biopsy in the diagnosis of keratomycosis, 288

Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

Astigmatism

Effect of trephine tilt on corneal button dimensions, 722

B

B cell

Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584

Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160

Beta-blocker

Betaxolol in patients with glaucoma and asthma, 531

Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535

Glaucoma treatment with once-daily levobunolol, 298

Betaxolol

Betaxolol in patients with glaucoma and asthma, 531

Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535

Effect of adding betaxolol to dipivefrin therapy, 196

Blepharitis

Ocular rosacea in blacks, 441

Blepharoconjunctivitis

Topical vancomycin formulation for methicillin-resistant *Staphylococcus epidermidis* blepharoconjunctivitis, 283

Blepharoptosis

Correction of upper eyelid retraction using tissue removed in blepharoptosis repair, 600

Juvenile myasthenia gravis and amblyopia, 214

Blepharospasm

Absence of antibody production in patients treated with botulinum A toxin, 232

Blindness

Leber's congenital amaurosis associated with hyperthreosinemia, 475

Books and Computer Software

Automated Perimetry. A Practical Guide, by Drance, S. M., and Anderson, D. (eds.), 504

Binocular Vision and Ocular Motility. Theory and Management of Strabismus, 3rd ed., by von Noorden, G. K., 135

Cataract Surgery, by Abrahamson, I. H. (ed.), 626

Cataract Surgery and Visual Rehabilitation, by Maumenee, A. E., Stark, W. J., and Esente, I. (eds.), 626

Chandler and Grant's Glaucoma, 3rd ed., by Epstein, D. L. (ed.), 504

Data on Blindness and Visual Impairment in the U.S. A Resource Manual on Characteristics, Education, Employment and Service Delivery, by Kirchner, C., 505

Geriatric Ophthalmology, by Kwitko, M. L., and Weinstock, F. J. (eds.), 745

Goodman and Gilman's The Pharmacological Basis of Therapeutics, 7th ed., by Gilman, A. G., Goodman, L. S., Rall, T. W., and Murad, F. (eds.), 396

Heredity and Visual Development, by Sheffield, J. B., and Hilfer, S. R. (eds.), 138

History of Ophthalmology. Vol. 6. The First Half of the Nineteenth Century (Part Two), by Hirschberg, J., 745

History of Ophthalmology. Vol. 2. The Middle Ages. The Sixteenth and Seventeenth Centuries, by Hirschberg, J., 137

History of Ophthalmology. Vol. 5. The Renaissance of Ophthalmology in the Eighteenth Century (Part Three). The First Half of the Nineteenth Century (Part One), by Hirschberg, J., 394

Human Experimentation. A Guided Step Into the Unknown, by Silverman, W. A., 392

Interphotoreceptor Matrix in Health and Disease, by Bridges, D. C., and Adler, A. J. (eds.), 138

Maxillofacial Injuries. Volumes 1 and 2, by Rowe, N. L., and Williams, J. L. (eds.), 134

Micropigmentation, by Zwerling, C. S., Christen-

sen, F. H., and Goldstein, N. F., 138

The Myopias, by Curtin, B. J., 395

Ocular Syndromes and Systemic Diseases, by Hampton, F. R., 626

Ophthalmic Pathology. An Atlas and Textbook, 3rd ed. Volumes 1 and 2, by Spencer, W. H., 134

Ophthalmology Annual. 1986, vol. 2, by Reinecke, R. D. (ed.), 396

Practice Enhancement. A Physician's Guide to Success in Private Practice, by Korneluk, G. N., 258

The Pupil, by Alexandridis, E., 394

Recognizing Patterns of Ocular Childhood Diseases, by Nelson, L. B., Brown, G. C., and Arentsen, J. J., 136

Refractive Corneal Surgery, 2nd ed., by Sanders, D. R., Hofmann, R. F., and Salz, J. J. (eds.), 391

Retinal Degeneration. Experimental and Clinical Studies, by LeVail, M. M., Hollyfield, J. G., and Anderson, R. E. (eds.), 258

Retinopathy of Prematurity, by Silverman, W. A., and Flynn, J. T. (eds.), 625

Senile Macular Degeneration. Management and Rehabilitation, by Lovie-Kitchen, J. E., and Bowman, K. J., 138

Surgical Anatomy of the Orbit, by Zide, B. M., and Jelks, G. W., 395

Surgical Pharmacology of the Eye, by Sears, M. L., and Tarkkanen, A. (eds.), 135

Thyroid Diseases, by Char, D. H., 257

Viral Diseases of the Eye, by Darrell, R. W. (ed.), 137

Visual Field in Glaucoma. Cellular Proliferation, by Straub, W., and Gloor, B. P. (eds.), 138

World Health Statistics Quarterly. Vol. 38, No. 3. The Health of the Family. Some Key Issues., by World Health Organization, 396

Botulinum toxin

Absence of antibody production in patients treated with botulinum A toxin, 232

Bruch's membrane

Formation of drusen in the human eye, 342

C**Canaliculus**

Complete canalicular erosion associated with silicone stents (letter), 382

Candida sp.

Corneal biopsy in the diagnosis of keratomycosis, 288

Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

Cannula

Disposable cystotome-cannula (letter), 385

Capsule

Excision of anterior capsular tags (letter), 383

Capsulotomy

Disposable cystotome-cannula (letter), 385

Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81

Carbonic anhydrase inhibitor

Hematologic reactions to carbonic anhydrase inhibitors (correspondence), 128

Carcinoma

- Bilateral carcinomas of the eyelid, 480
- Metastatic eyelid carcinoma (letter), 252

Cataract

- Aspiration-irrigation syringe for extracapsular cataract extraction operated with one hand (letter), 611
- Disposable cystotome-cannula (letter), 385
- Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty (correspondence), 133
- Excision of anterior capsular tags (letter), 383
- Factors associated with a poor visual result in endophthalmitis, 332
- Foreign-body giant cell reaction to liquid silicone, 680
- Genetic linkage analysis of autosomal dominant congenital cataracts, 218
- Intraocular lenses and diabetes mellitus, 425
- Neovascular glaucoma after intracapsular and extracapsular cataract extraction in diabetic patients (correspondence), 386
- Posterior uveal melanomas in aphakic and pseudophakic eyes, 458
- Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81
- Simplified method for viewing slides stereoscopically (letter), 498
- Ultrastructural study of Elschnig's pearls in the pseudophakic eye, 58

Cefamandole

- Human vitreous levels of cefamandole and moxalactam, 684

Central retinal artery

- Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616

Children

- Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278
- High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102
- Juvenile iridoschisis and microphthalmos (correspondence), 742
- Juvenile myasthenia gravis and amblyopia, 214
- Leber's congenital amaurosis associated with hyperthreoinemia, 475

Chlamydia sp.

- Incidence of *Moraxella* conjunctival infection, 437

Choroid

- Choroidal malignant melanoma appearing as acute panophthalmitis, 249
- Choroidal malignant melanoma appearing as acute panophthalmitis (correspondence), 744
- Observations on long-term follow-up of posterior scleritis, 570
- Prognostic factors in choroidal and ciliary body melanomas with extrascleral extension, 325
- Visual loss from choroidal ischemia, 650

Choroideremia

- Electroretinographic findings in selected pedigrees with choroideremia, 361

Choroiditis

- Multifocal choroiditis associated with progressive subretinal fibrosis, 170

Ciliary body

- Prognostic factors in choroidal and ciliary body melanomas with extrascleral extension, 325
- Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305

Cogan's syndrome

- Management of Cogan's syndrome (letter), 494

Coloboma

- Retinal damage after argon laser iridotomy, 554

Color vision

- Color vision and retinal nerve fiber layer in early glaucoma, 208
- Computerized scoring and graphing of the Farnsworth-Munsell 100-hue color vision test, 469

Computer

- Computerized quantitative analysis of kinetic visual fields, 461
- Computerized scoring and graphing of the Farnsworth-Munsell 100-hue color vision test, 469
- Linear regression software for intraocular lens implant power calculation, 597
- Working with visual display units (editorial), 107

Congenital disorders

- Congenital trichomegaly, pigmentary retinal degeneration, and short stature (letter), 490
- Leber's congenital amaurosis associated with hyperthreoinemia, 475
- Ocular involvement in congenital leukemia, 730
- Stereopsis in normal infants and infants with congenital esotropia, 591

Conjunctiva

- Adrenochrome staining of senile plaque resembling malignant melanoma (letter), 380
- Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376
- Incidence of *Moraxella* conjunctival infection, 437
- Ocular involvement in congenital leukemia, 730
- Ocular rosacea in blacks, 441
- Orbital dermoid cyst of conjunctival origin, 726
- Pupillary-block glaucoma associated with childhood cystinosis, 700

Conjunctivitis

- Anaerobic endophthalmitis caused by *Propionibacterium acnes* (letter), 114
- Association of fungi with extended-wear soft contact lenses, 434
- Fibrin as a major constituent of ligneous conjunctivitis (letter), 493

Contact lens

- Association of fungi with extended-wear soft contact lenses, 434
- Clinical study of contact-lens-related keratoconus (correspondence), 390
- Effects of extended-wear hydrophilic contact lenses on the human corneal epithelium, 274
- Effects of hypotonic and hypertonic solutions on the fluid content of hydrophilic contact lenses (correspondence), 501
- Extended-wear contact lenses and pseudomonal corneal ulcers (editorial), 372

- High-efficiency laser iridotomy-sphincterotomy lens, 546
- Microwave sterilization of hydrophilic contact lenses, 49
- Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740
- Nosocomial *Pseudomonas* keratitis in a critical-care nurse (letter), 612
- Ulcerative keratitis associated with contact lens wear, 429
- Unusual corneal complication of soft contact lens (correspondence), 623
- Contrast sensitivity**
- Influence of age on the visual fields of normal subjects, 199
- Cornea**
- Acute corneal bullae produced during noncontact tonometry (letter), 375
- Association of fungi with extended-wear soft contact lenses, 434
- Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16
- Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28
- Corneal biopsy in the diagnosis of keratomycosis, 288
- Corneal changes during pilocarpine gel therapy, 13
- Corneal changes during pilocarpine gel therapy (correspondence), 623
- Corneal thinning in macular corneal dystrophy (letter), 112
- Eccentric corneal grafts (letter), 113
- Effect of trephine tilt on corneal button dimensions, 722
- Effects of extended-wear hydrophilic contact lenses on the human corneal epithelium, 274
- Effects of retinal detachment repair on clear corneal grafts, 164
- Extended-wear contact lenses and pseudomonal corneal ulcers (editorial), 372
- Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376
- Graft rejection and glaucoma, 294
- HTLV-III screening by eye banks (correspondence), 385
- Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149
- Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605
- Microwave sterilization of hydrophilic contact lenses, 49
- Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740
- Nosocomial *Pseudomonas* keratitis in a critical-care nurse (letter), 612
- Ocular concentration of gentamicin after penetrating keratoplasty, 44
- Overcorrected visual acuity improved by antiglaucoma medication after radial keratotomy (letter), 374
- Pseudomonas* keratitis and folliculitis from whirl-pool exposure, 41
- Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246
- Ulcerative keratitis associated with contact lens wear, 429
- Ultrastructure of traumatic corneal endothelial rings, 156
- Unusual corneal complication of soft contact lens (correspondence), 623
- Visual loss in anterior membrane dystrophy (letter), 615
- 48-Year clinical and epidemiologic study of keratoconus, 267
- Corrections**
- Traumatic laceration of the inferior rectus muscle, 100:855; correction, 256
- Corticosteroid**
- Experimental and clinical observations of the intraocular toxicity of commercial corticosteroid preparations, 190
- Graft rejection and glaucoma, 294
- Intralesional corticosteroids for inflammatory lesions of the orbit (letter), 121
- Management of Cogan's syndrome (letter), 494
- Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305
- Cryotherapy**
- Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255
- Regulation of intraocular pressure during cyclo-cryotherapy for advanced glaucoma, 542
- Cup-disk ratio**
- Correlation between cup-disk ratio, neuroretinal rim area, and optic disk area measured by the video-ophthalmograph (Rodensstock analyzer) and clinical measurement, 7
- Curvularia sp.**
- Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605
- Cyclosporine**
- Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278
- Cyst**
- Orbital dermoid cyst of conjunctival origin, 726
- Cystoid macular edema**
- Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28
- Retinal fluorescein leakage in retinitis pigmentosa, 354
- Cytomegalovirus**
- Antiviral therapy for cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405
- Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95
- Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine (correspondence), 622
- D
- Dacryocystitis**
- Lacrimal drainage obstruction from lacrimal sac infiltration by lymphocytic neoplasia, 242

Dacryocystorhinostomy

Modification of the Kerrison rongeur (letter), 384

Descemet's membrane

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28

Ultrastructure of traumatic corneal endothelial rings, 156

Diabetes

Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255

Intraocular lenses and diabetes mellitus, 425

Neovascular glaucoma after intracapsular and extracapsular cataract extraction in diabetic patients (correspondence), 386

Panretinal photocoagulation and retinal oxygenation in normal and diabetic cats, 657

Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 500

Diabetic retinopathy

Silicone oil for retinal detachment with advanced proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181

Dihydroxy propoxymethyl guanine

Antiviral therapy for cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405

Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95

Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine (correspondence), 622

Diphenhydramine

Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376

Dipivefrin

Effect of adding betaxolol to dipivefrin therapy, 196

Diplopia

Divergence paralysis as the initial sign in the Miller Fisher syndrome (letter), 741

Traumatic laceration of the inferior rectus muscle, 100:855; correction, 256

Drechslera sp.

Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

Drusen

Clinicopathologic correlation of lipidization and detachment of the retinal pigment epithelium, 576

Formation of drusen in the human eye, 342

E**Edema**

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Editorials

Changing epidemiologic variables involving follow-up data for ophthalmologic studies (AABERG, T. M.), 733

Compliance factor (VAN BUSKIRK, E. M.), 609

Extended-wear contact lenses and pseudomonal corneal ulcers (BAUM, J., and BORUCHOFF, S. A.), 372

Lymphocyte subpopulations in uveal malignant melanoma (KAPLAN, H. J.), 483

Risk posed by HTLV-III-infected corneal donor tissue (O'DAY, D. M.), 246

Working with visual display units (LEE, W. R.), 107

Electroretinography

Electroretinographic findings in selected pedigrees with choroideremia, 361

Elschnig's pearls

Ultrastructural study of Elschnig's pearls in the pseudophakic eye, 58

Endophthalmitis

Anaerobic endophthalmitis caused by *Propionibacterium acnes* (letter), 114

Factors associated with a poor visual result in endophthalmitis, 332

Removal of fibrin clot from anterior chamber in endophthalmitis (letter), 251

Endothelium

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Ultrastructure of traumatic corneal endothelial rings, 156

Enolase

High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102

Epinephrine

Adrenochrome staining of senile plaque resembling malignant melanoma (letter), 380

Epithelium

Effects of extended-wear hydrophilic contact lenses on the human corneal epithelium, 274

Esophoria

Nonaccommodative convergence excess, 70

Esotropia

Divergence paralysis as the initial sign in the Miller Fisher syndrome (letter), 741

Nonaccommodative convergence excess, 70

Stereopsis in normal infants and infants with congenital esotropia, 591

Exotropia

Juvenile myasthenia gravis and amblyopia, 214

Eyedrops

Can ophthalmologists correctly identify patients defaulting from pilocarpine therapy?, 524

Compliance factor (editorial), 609

Compliance with topical pilocarpine treatment, 515

Corneal changes during pilocarpine gel therapy (correspondence), 623

Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278

Drop size of commercial glaucoma medications, 691

Eyelid

- Bilateral carcinomas of the eyelid, 480
- Correction of upper eyelid retraction using tissue removed in blepharoptosis repair, 600
- Eyelid necrosis after spider bite (letter), 254
- Eyelid suspension with a transposed levator palpebrae superioris muscle (correspondence), 131
- Fiberoptic slit-lamp attachment (letter), 498
- Metastatic eyelid carcinoma (letter), 252
- Myiasis palpebrarum (letter), 496
- Unusual corneal complication of soft contact lens (correspondence), 623

F**Filtering surgery**

- Gelatin implants in glaucoma filtering surgery (letter), 618
- Graft rejection and glaucoma, 294
- Management of large filtering blebs with the argon laser, 695
- Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305

Fundus

- Clinicopathologic correlation of lipidization and detachment of the retinal pigment epithelium, 576

Fusarium sp.

- Corneal biopsy in the diagnosis of keratomycosis, 288
- Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

G**Gardner's syndrome**

- Orbital osteoma in Gardner's syndrome, 236

Genetics

- Electroretinographic findings in selected pedigrees with choroideremia, 361
- Genetic linkage analysis of autosomal dominant congenital cataracts, 218
- High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102
- Leber's congenital amaurosis associated with hyperthreoinemia, 475
- Orbital osteoma in Gardner's syndrome, 236
- Pupillary-block glaucoma associated with childhood cystinosis, 700

Gentamicin

- Ocular concentration of gentamicin after penetrating keratoplasty, 44

Glaucoma

- Acetazolamide and advanced liver disease (letter), 611
- Betaxolol in patients with glaucoma and asthma, 531
- Bilateral angle-closure glaucoma in association with the acquired immune deficiency syndrome, 419
- Can ophthalmologists correctly identify patients defaulting from pilocarpine therapy?, 524
- Clinical, electron microscopic, and immunohisto-

chemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

- Color vision and retinal nerve fiber layer in early glaucoma, 208

- Comparison of visual field defects in normal-tension glaucoma and high-tension glaucoma, 204

- Compliance factor (editorial), 609

- Compliance with topical pilocarpine treatment, 515

- Corneal changes during pilocarpine gel therapy, 13

- Correlation between cup-disk ratio, neuroretinal rim area, and optic disk area measured by the video-ophthalmograph (Rodestock analyzer) and clinical measurement, 7

- Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535

- Drop size of commercial glaucoma medications, 691

- Effect of adding betaxolol to dipivefrin therapy, 196

- Foreign-body giant cell reaction to liquid silicone, 680

- Gelatin implants in glaucoma filtering surgery (letter), 618

- Glaucoma treatment with once-daily levobunolol, 298

- Graft rejection and glaucoma, 294

- Irreversible intraocular lens vaulting with pupillary-block glaucoma (letter), 735

- Management of large filtering blebs with the argon laser, 695

- Neovascular glaucoma after intracapsular and extracapsular cataract extraction in diabetic patients (correspondence), 386

- Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 500

- Pupillary-block glaucoma associated with childhood cystinosis, 700

- Rate of progression of scotomas in glaucoma, 1

- Regulation of intraocular pressure during cyclotherapy for advanced glaucoma, 542

- Retinal damage after argon laser iridotomy, 554

- Use of different-sized stimuli in automated perimetry, 710

Globe

- Contralateral amaurosis after retrobulbar injection, 689

H**Hemangioma**

- Rhegmatogenous retinal detachment in angiomatosis retinae, 187

Hemianopsia

- Functional monocular temporal hemianopsia, 226

- Metabolic imaging in hemianopsia using positron emission tomography with ^{18}F -deoxyfluoroglucose, 310

Hemorrhage

- Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255

Herpesvirus

- Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368

Herpes zoster

Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153

Histoplasmosis

Subretinal neovascularization after experimental ocular histoplasmosis in a subhuman primate (correspondence), 132

HLA

Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584

Hydroxychloroquine

Hydroxychloroquine crystals in the tear film of a patient with rheumatoid arthritis (letter), 377

Hyperthermia

Ultrasonic hyperthermia and radiation in the management of intraocular malignant melanoma, 635

Hyperthreoinemia

Leber's congenital amaurosis associated with hyperthreoinemia, 475

Hypertropia

Compensatory head positions in muscle palsies (letter), 383

Hyphema

Sodium hyaluronate, hyphema, and vitreoretinal surgery (letter), 738

Hypotony

Hypotony after rotation of an intraocular lens haptic into a cyclodialysis cleft (letter), 736

Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305

I

Immunology

Antiviral therapy for cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405

Bilateral angle-closure glaucoma in association with the acquired immune deficiency syndrome, 419

Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584

Graft rejection and glaucoma, 294

Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153

HTLV-III screening by eye banks (correspondence), 385

Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368

Immunohistochemical and ultrastructural study of unusual IgM lambda lymphoplasmacytic tumor of the lacrimal gland, 451

Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149

Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160

Lymphocyte subpopulations in uveal malignant melanoma (editorial), 483

Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246

Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95

Infants

Genetic linkage analysis of autosomal dominant congenital cataracts, 218

Macular development in the premature infant, 74

Observations on the retinopathy of prematurity (correspondence), 390

Ocular involvement in congenital leukemia, 730

Stereopsis in normal infants and infants with congenital esotropia, 591

Two-hand dissection technique during closed vitrectomy for retinopathy of prematurity (letter), 251

Instruments

Macula photocoagulation lens (letter), 619

X16 Slit-lamp eyepiece, a high plus lens for indirect biomicroscopy (letter), 620

Intraocular foreign body

Long-term visual acuity results after penetrating and perforating ocular injuries (correspondence), 499

Intraocular lens

Hypotony after rotation of an intraocular lens haptic into a cyclodialysis cleft (letter), 736

Intraocular lenses and diabetes mellitus, 425

Irreversible intraocular lens vaulting with pupillary-block glaucoma (letter), 735

Linear regression software for intraocular lens implant power calculation, 597

Optical aberrations from a well-centered intraocular lens implant (letter), 117

Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 500

Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81

Ultrastructural study of Elschnig's pearls in the pseudophakic eye, 58

Intraocular pressure

Acetazolamide and advanced liver disease (letter), 611

Betaxolol in patients with glaucoma and asthma, 531

Can ophthalmologists correctly identify patients defaulting from pilocarpine therapy?, 524

Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure (correspondence), 389

Compliance with topical pilocarpine treatment, 515

Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535

Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty (correspondence), 133

Glaucoma treatment with once-daily levobunolol, 298

Graft rejection and glaucoma, 294

New approach to stratified normal intraocular pressure in a general population, 714

Photoreceptor outer segments in the aqueous hu-

mor in rhegmatogenous retinal detachment, 673

Regulation of intraocular pressure during cyclotherapy for advanced glaucoma, 542

Sustained increases in intraocular pressure during strabismus surgery, 308

Iridocorneal endothelial syndrome

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Iridoschisis

Juvenile iridoschisis and microphthalmos (correspondence), 742

Iridotomy

High-efficiency laser iridotomy-sphincterotomy lens, 546

Retinal damage after argon laser iridotomy, 554

Iris

Argon laser treatment of a bleeding iris vascular tuft (letter), 379

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Foreign-body giant cell reaction to liquid silicone, 680

Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616

Pupillary-block glaucoma associated with childhood cystinosis, 700

Ischemia

Visual loss from choroidal ischemia, 650

K

Keratitis

Anaerobic endophthalmitis caused by *Propionibacterium acnes* (letter), 114

Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376

Management of Cogan's syndrome (letter), 494

Nosocomial *Pseudomonas* keratitis in a critical-care nurse (letter), 612

Pseudomonas keratitis and folliculitis from whirlpool exposure, 41

Ulcerative keratitis associated with contact lens wear, 429

Keratoconjunctivitis sicca

Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278

Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376

Incidence of *Moraxella* conjunctival infection, 437

Keratoconus

Clinical study of contact-lens-related keratoconus (correspondence), 390

48-Year clinical and epidemiologic study of keratoconus, 267

Keratomycosis

Corneal biopsy in the diagnosis of keratomycosis, 288

Miconazole and ketoconazole as a satisfactory first-

line treatment for keratomycosis, 605

Keratopathy

Foreign-body giant cell reaction to liquid silicone, 680

Keratoplasty

Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16

Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28

Eccentric corneal grafts (letter), 113

Effect of trephine tilt on corneal button dimensions, 722

Effects of retinal detachment repair on clear corneal grafts, 164

Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740

Ocular concentration of gentamicin after penetrating keratoplasty, 44

Ketoconazole

Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

Klebsiella sp.

Rhinoscleroma with bilateral orbital involvement (letter), 381

L

Lacrimal apparatus

Complete canalicular erosion associated with silicone stents (letter), 382

Immunohistochemical and ultrastructural study of unusual IgM lambda lymphoplasmacytic tumor of the lacrimal gland, 451

Lacrimal drainage obstruction from lacrimal sac infiltration by lymphocytic neoplasia, 242

Laser

Argon laser treatment of a bleeding iris vascular tuft (letter), 379

Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty (correspondence), 133

Endoexcimer laser intraocular ablative photodecomposition (correspondence), 130

Endophotocoagulation in vitrectomy with a carbon dioxide laser, 445

High-efficiency laser iridotomy-sphincterotomy lens, 546

Management of large filtering blebs with the argon laser, 695

Panretinal photocoagulation and retinal oxygenation in normal and diabetic cats, 657

Retinal damage after argon laser iridotomy, 554

Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81

Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305

Treating avulsed vessels with a temporary balloon buckle, 90

Leber's amaurosis

Leber's congenital amaurosis associated with hyperthreoninemia, 475

Lens

Aspiration-irrigation syringe for extracapsular cataract extraction operated with one hand (letter), 611

Levator palpebrae superioris muscle

Eyelid suspension with a transposed levator palpebrae superioris muscle (correspondence), 131

Levobunolol

Glaucoma treatment with once-daily levobunolol, 298

Lupus erythematosus

Hydroxychloroquine crystals in the tear film of a patient with rheumatoid arthritis (letter), 377

Lymphocyte

Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153

HTLV-III screening by eye banks (correspondence), 385

Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149

Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160

Lymphocyte subpopulations in uveal malignant melanoma (editorial), 483

Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246

Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248

Lymphoma

Immunohistochemical and ultrastructural study of unusual IgM lambda lymphoplasmacytic tumor of the lacrimal gland, 451

M**Macula**

Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28

Corneal thinning in macular corneal dystrophy (letter), 112

Macula photocoagulation lens (letter), 619

Macular arteriolar occlusions in sickle cell beta-thalassemia (letter), 739

Macular development in the premature infant, 74

Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 388

Retinal fluorescein leakage in retinitis pigmentosa, 354

Role of the vitreous in idiopathic preretinal macular fibrosis, 166

Magnetic resonance

Clinicoradiographic correlation of bilateral horizontal gaze palsy and slowed vertical saccades with midline dorsal pontine lesion on magnetic resonance imaging (letter), 118

Metabolic imaging in hemianopsia using positron emission tomography with ^{18}F -deoxyfluoroglucose, 310

Mannitol

Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure (correspondence), 389

Medical abbreviations

Use of abbreviations in medical literature (letter), 113

Meetings, Conferences, Symposia

XXV International Congress of Ophthalmology (NEWELL, F. W.), 755

Melanoma

Adrenochrome staining of senile plaque resembling malignant melanoma (letter), 380

Choroidal malignant melanoma appearing as acute panophthalmitis, 249

Choroidal malignant melanoma appearing as acute panophthalmitis (correspondence), 744

Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 124

Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 126

Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160

Lymphocyte subpopulations in uveal malignant melanoma (editorial), 483

Posterior uveal melanomas in aphakic and pseudophakic eyes, 458

Prognostic factors in choroidal and ciliary body melanomas with extrascleral extension, 325

Ultrasonic hyperthermia and radiation in the management of intraocular malignant melanoma, 635

Uveal melanoma necrosis after helium ion therapy, 643

Methicillin

Topical vancomycin formulation for methicillin-resistant *Staphylococcus epidermidis* blepharoconjunctivitis, 283

Miconazole

Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

Microphthalmos

Juvenile iridoschisis and microphthalmos (correspondence), 742

Miller Fisher syndrome

Divergence paralysis as the initial sign in the Miller Fisher syndrome (letter), 741

Moraxella sp.

Incidence of *Moraxella* conjunctival infection, 437

Motility

Divergence paralysis as the initial sign in the Miller Fisher syndrome (letter), 741

Moxalactam

Human vitreous levels of cefamandole and moxalactam, 684

Multiple evanescent white-dot syndrome

Bilateral symptomatic multiple evanescent white-dot syndrome (letter), 489

Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 388

Myasthenia gravis

Juvenile myasthenia gravis and amblyopia, 214

Myopia

Myopic shift in refraction after penetrating kerato-

- plasty with pediatric donor tissue (letter), 740
 Transient myopia induced by sulfonamides (letter), 495

N

Neovascularization

- Ocular rosacea in blacks, 441
 Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616
 Subretinal neovascularization after experimental ocular histoplasmosis in a subhuman primate (correspondence), 132

Nerve fiber layer

- Color vision and retinal nerve fiber layer in early glaucoma, 208

Nocardia sp.

- Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605

O

Obituaries

- King, John Harry, Jr. (NEWELL, F. W.), 746

Oblique muscle

- Compensatory head positions in muscle palsies (letter), 383

Ocular injuries

- Long-term visual acuity results after penetrating and perforating ocular injuries (correspondence), 499
 Traumatic laceration of the inferior rectus muscle, 100:855; correction, 256

Open-angle glaucoma

- Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535
 Effect of adding betaxolol to dipivefrin therapy, 196
 Glaucoma treatment with once-daily levobunolol, 298
 Rate of progression of scotomas in glaucoma, 1

Ophthalmoplegia

- Clinicoradiographic correlation of bilateral horizontal gaze palsy and slowed vertical saccades with midline dorsal pontine lesion on magnetic resonance imaging (letter), 118
 Unilateral internuclear ophthalmoplegia after head trauma (letter), 491

Optic disk

- Bilateral symptomatic multiple evanescent white-dot syndrome (letter), 489
 Comparison of visual field defects in normal-tension glaucoma and high-tension glaucoma, 204
 Correlation between cup-disk ratio, neuroretinal rim area, and optic disk area measured by the video-ophthalmograph (Rodenstock analyzer) and clinical measurement, 7
 Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616
 Retinal fluorescein leakage in retinitis pigmentosa, 354

Optic nerve

- Contralateral amaurosis after retrobulbar injection, 689

- Ocular involvement in congenital leukemia, 730
 Pupillography of a relative afferent pupillary defect, 320

Orbit

- Immunohistochemical and ultrastructural study of unusual IgM lambda lymphoplasmacytic tumor of the lacrimal gland, 451
 Intralesional corticosteroids for inflammatory lesions of the orbit (letter), 121
 Orbital dermoid cyst of conjunctival origin, 726
 Orbital osteoma in Gardner's syndrome, 236
 Rhinoscleroma with bilateral orbital involvement (letter), 381

Osteoma

- Orbital osteoma in Gardner's syndrome, 236

P

Panophthalmitis

- Choroidal malignant melanoma appearing as acute panophthalmitis, 249
 Choroidal malignant melanoma appearing as acute panophthalmitis (correspondence), 744

Penetrating keratoplasty

- Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16
 Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28
 Effects of retinal detachment repair on clear corneal grafts, 164
 Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740
 Ocular concentration of gentamicin after penetrating keratoplasty, 44

Perimetry

- Effect of refractive correction on automated perimetric thresholds, 706
 Use of different-sized stimuli in automated perimetry, 710

Photocoagulation

- Endophotocoagulation in vitrectomy with a carbon dioxide laser, 445
 Macula photocoagulation lens (letter), 619
 Panretinal photocoagulation and retinal oxygenation in normal and diabetic cats, 657

Photoreceptor cell

- Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673

Pigment epithelium

- Bilateral symptomatic multiple evanescent white-dot syndrome (letter), 489
 Clinicopathologic correlation of lipidization and detachment of the retinal pigment epithelium, 576
 Diagnosis and pathogenesis of retinal pigment epithelial tears (correspondence), 502
 Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584
 Formation of drusen in the human eye, 342
 Recurrences and bilaterality in the multiple eva-

- nescent white-dot syndrome (correspondence), 388
- Retinal fluorescein leakage in retinitis pigmentosa, 354
- Pilocarpine**
- Can ophthalmologists correctly identify patients defaulting from pilocarpine therapy?, 524
- Compliance with topical pilocarpine treatment, 515
- Corneal changes during pilocarpine gel therapy, 13
- Corneal changes during pilocarpine gel therapy (correspondence), 623
- Posterior chamber**
- Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 500
- Proliferative vitreoretinopathy**
- Experimental and clinical observations of the intraocular toxicity of commercial corticosteroid preparations, 190
- Silicone oil for retinal detachment with advanced proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181
- Propionibacterium* sp.**
- Anaerobic endophthalmitis caused by *Propionibacterium acnes* (letter), 114
- Proptosis**
- Orbital osteoma in Gardner's syndrome, 236
- Pseudomonas* sp.**
- Extended-wear contact lenses and pseudomonal corneal ulcers (editorial), 372
- Human vitreous levels of cefamandole and moxalactam, 684
- Nosocomial *Pseudomonas* keratitis in a critical-care nurse (letter), 612
- Pseudomonas* keratitis and folliculitis from whirlpool exposure, 41
- Ulcerative keratitis associated with contact lens wear, 429
- Pupil**
- Functional monocular temporal hemianopsia, 226
- Initial pupillary constriction in the alternating light test (letter), 120
- Pupillography of a relative afferent pupillary defect, 320
- Pupillary-block glaucoma**
- Irreversible intraocular lens vaulting with pupillary-block glaucoma (letter), 735
- Pupillary-block glaucoma associated with childhood cystinosis, 700
- R**
- Radial keratotomy**
- Overcorrected visual acuity improved by antiglaucoma medication after radial keratotomy (letter), 374
- Radiation therapy**
- Ultrasonic hyperthermia and radiation in the management of intraocular malignant melanoma, 635
- Uveal melanoma necrosis after helium ion therapy, 643
- Rectus muscle**
- Nonaccommodative convergence excess, 70
- Sustained increases in intraocular pressure during strabismus surgery, 308
- Traumatic laceration of the inferior rectus muscle, 100:855; correction, 256
- Refraction**
- Device for testing malingering and binocular refraction (letter), 613
- Effect of refractive correction on automated perimetric thresholds, 706
- Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740
- Retina**
- Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255
- Bilateral symptomatic multiple evanescent white-dot syndrome (letter), 489
- Clinicopathologic correlation of lipidization and detachment of the retinal pigment epithelium, 576
- Color vision and retinal nerve fiber layer in early glaucoma, 208
- Congenital trichomegaly, pigmentary retinal degeneration, and short stature (letter), 490
- Diagnosis and pathogenesis of retinal pigment epithelial tears (correspondence), 502
- Effect of refractive correction on automated perimetric thresholds, 706
- Experimental and clinical observations of the intraocular toxicity of commercial corticosteroid preparations, 190
- Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584
- Foreign-body giant cell reaction to liquid silicone, 680
- Formation of drusen in the human eye, 342
- Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368
- Multifocal choroiditis associated with progressive subretinal fibrosis, 170
- Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616
- Panretinal photocoagulation and retinal oxygenation in normal and diabetic cats, 657
- Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 388
- Retinal damage after argon laser iridotomy, 554
- Retinal fluorescein leakage in retinitis pigmentosa, 354
- Treating avulsed vessels with a temporary balloon buckle, 90
- Wedge implant used as exoplant (letter), 488
- Retinal detachment**
- Cyanoacrylate adhesive in retinal detachment surgery (letter), 486
- Effects of retinal detachment repair on clear corneal grafts, 164
- Foreign-body giant cell reaction to liquid silicone, 680
- Lincoff temporary balloon buckle, 646

- Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673
- Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81
- Rhegmatogenous retinal detachment in angiomatosis retinae, 187
- Silicone oil for retinal detachment with advanced proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181
- Retinitis**
- Antiviral therapy for cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405
- Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95
- Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine (correspondence), 622
- Retinitis pigmentosa**
- Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584
- Retinal fluorescein leakage in retinitis pigmentosa, 354
- Transmission electron microscopic observations of vitreous abnormalities in retinitis pigmentosa, 665
- Retinoblastoma**
- High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102
- Retinochoroiditis**
- Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248
- Retinopathy**
- Intraocular lenses and diabetes mellitus, 425
- Photoc retinopathy from the operating room microscope, 561
- Silicone oil for retinal detachment with advanced proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181
- Retinopathy of prematurity**
- Macular development in the premature infant, 74
- Observations on the retinopathy of prematurity (correspondence), 390
- Two-hand dissection technique during closed vitrectomy for retinopathy of prematurity (letter), 251
- Rhinoscleroma**
- Rhinoscleroma with bilateral orbital involvement (letter), 381
- Rosacea**
- Ocular rosacea in blacks, 441
- S**
- Saccades**
- Clinicoradiographic correlation of bilateral horizontal gaze palsy and slowed vertical saccades with midline dorsal pontine lesion on magnetic resonance imaging (letter), 118
- Scleral buckle**
- Lincoff temporary balloon buckle, 646
- Wedge implant used as exoplant (letter), 488
- Scleritis**
- Observations on long-term follow-up of posterior scleritis, 570
- Scotoma**
- Comparison of visual field defects in normal-tension glaucoma and high-tension glaucoma, 204
- Rate of progression of scotomas in glaucoma, 1
- Use of different-sized stimuli in automated perimetry, 710
- Sickle cell trait**
- Macular arteriolar occlusions in sickle cell beta-thalassemia (letter), 739
- Silicone**
- Complete canalicular erosion associated with silicone stents (letter), 382
- Sodium hyaluronate**
- Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure (correspondence), 389
- Sodium hyaluronate, hyphema, and vitreoretinal surgery (letter), 738
- Staphylococcus sp.**
- Human vitreous levels of cefamandole and moxalactam, 684
- Topical vancomycin formulation for methicillin-resistant *Staphylococcus epidermidis* blepharconjunctivitis, 283
- Stereoscopic vision**
- Stereopsis in normal infants and infants with congenital esotropia, 591
- Strabismus**
- Juvenile myasthenia gravis and amblyopia, 214
- Marking suture for use in adjustable strabismus surgery (letter), 614
- Nonaccommodative convergence excess, 70
- Simple technique to tighten loose sutures during strabismus surgery (letter), 123
- Sustained increases in intraocular pressure during strabismus surgery, 308
- Sulfonamide**
- Transient myopia induced by sulfonamides (letter), 495
- Suture**
- Marking suture for use in adjustable strabismus surgery (letter), 614
- T**
- T cell**
- Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584
- Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153
- HTLV-III screening by eye banks (correspondence), 385
- Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149

- Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160
- Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246
- Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248
- Tear**
- Diagnosis and pathogenesis of retinal pigment epithelial tears (correspondence), 502
- Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673
- Tears**
- Hydroxychloroquine crystals in the tear film of a patient with rheumatoid arthritis (letter), 377
- Tetracycline**
- Pseudomonas* keratitis and folliculitis from whirlpool exposure, 41
- Timolol**
- Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535
- Overcorrected visual acuity improved by antiglaucoma medication after radial keratotomy (letter), 374
- Tonometry**
- Acute corneal bullae produced during noncontact tonometry (letter), 375
- Toxoplasma sp.**
- Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248
- Trabeculoplasty**
- Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty (correspondence), 133
- U**
- Ulcer**
- Extended-wear contact lenses and pseudomonal corneal ulcers (editorial), 372
- Pseudomonas* keratitis and folliculitis from whirlpool exposure, 41
- Ulcerative keratitis associated with contact lens wear, 429
- Uvea**
- Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 124
- Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 126
- Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160
- Lymphocyte subpopulations in uveal malignant melanoma (editorial), 483
- Ocular involvement in congenital leukemia, 730
- Posterior uveal melanomas in aphakic and pseudophakic eyes, 458
- Uveal melanoma necrosis after helium ion therapy, 643
- Uveitis**
- Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673
- V**
- Vancomycin**
- Topical vancomycin formulation for methicillin-resistant *Staphylococcus epidermidis* blepharoconjunctivitis, 283
- Vernal conjunctivitis**
- Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278
- Video-ophthalmograph**
- Correlation between cup-disk ratio, neuroretinal rim area, and optic disk area measured by the video-ophthalmograph (Rodenstock analyzer) and clinical measurement, 7
- Visual acuity**
- Contralateral amaurosis after retrobulbar injection, 689
- Factors associated with a poor visual result in endophthalmitis, 332
- Long-term visual acuity results after penetrating and perforating ocular injuries (correspondence), 499
- Overcorrected visual acuity improved by antiglaucoma medication after radial keratotomy (letter), 374
- Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 388
- Retinal fluorescein leakage in retinitis pigmentosa, 354
- Visual field**
- Comparison of visual field defects in normal-tension glaucoma and high-tension glaucoma, 204
- Computerized quantitative analysis of kinetic visual fields, 461
- Effect of refractive correction on automated perimetric thresholds, 706
- Influence of age on the visual fields of normal subjects, 199
- Metabolic imaging in hemianopsia using positron emission tomography with ^{18}F -deoxyfluoroglucose, 310
- Rate of progression of scotomas in glaucoma, 1
- Visual loss**
- Functional monocular temporal hemianopsia, 226
- Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305
- Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248
- Visual loss from choroidal ischemia, 650
- Visual loss in anterior membrane dystrophy (letter), 615
- Vitrectomy**
- Endophotocoagulation in vitrectomy with a carbon dioxide laser, 445
- Modified technique for performing outpatient fluid-air exchange following vitrectomy surgery (letter), 116
- Silicone oil for retinal detachment with advanced

- proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181
- Two-hand dissection technique during closed vitrectomy for retinopathy of prematurity (letter), 251
- Vitreous**
- Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255
- Human vitreous levels of cefamandole and moxalactam, 684
- Role of the vitreous in idiopathic preretinal macular fibrosis, 166
- Transmission electron microscopic observations of vitreous abnormalities in retinitis pigmentosa, 665

AUTHOR INDEX

A

- AABERG, T. M.: Changing epidemiologic variables involving follow-up data for ophthalmologic studies (editorial), 733
- AABERG, T. M., CAMPO, R. V., and JOFFE, L.: Reply to MEYER, R. J., AND JAMPOL, L. M.: Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 389
- ABBOTT, R. L.: See BEEBE, W. E., 377
- ABLASHI, D.: See SALAHUDDIN, S. Z., 149
- ABRAHAM, F. A.: Device for testing malingering and binocular refraction (letter), 613
- ABRAMSON, D. H.: See COLEMAN, D. J., 635
- ACRDNAS, F.: See QUIROZ, H., 255
- ADAMS, D. F.: See SHOCK, J. P., 500
- AHEARN, D. G.: See WILSON, L. A., 434
- AIELLO, J. P.: See INSLER, M. S., 502
- AIRAKSINEN, P. J., LAKOWSKI, R., DRANCE, S. M., and PRICE, M.: Color vision and retinal nerve fiber loss in early glaucoma, 208
- AIRAKSINEN, P. J.: See MIKELBERG, F. S., 7
- AKULA, S. K., MANSELL, P. W. A., and RUIZ, R.: Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine (correspondence), 622
- ALBERT, D.: See SEDDON, J. M., 126
- ALBERT, D. M., PRUETT, R. C., and CRAFT, J. L.: Transmission electron microscopic observations of vitreous abnormalities in retinitis pigmentosa, 665
- ALFONSO, E., MANDELBAUM, S., FOX, M. J., and FORSTER, R. K.: Ulcerative keratitis associated with contact lens wear, 429
- ALLEN, R. C., HERTZMARK, E., WALKER, A. M., and EPSTEIN, D. L.: Double-masked comparison of betaxolol vs timolol in the treatment of open-angle glaucoma, 535
- ANDERSON, L. S.: See NICHOLSON, D. H., 187
- ANNESS, S. H.: See STAFFORD, T. J., 132
- ANTOSZYK, A., ROBINSON, D., PROIA, A. D., and SHIELDS, M. B.: Gelatin implants in glaucoma filtering surgery (letter), 618
- ARBIZO, V.: See SHIELDS, J. A., 451
- ARCHER, S. M., HELVESTON, E. M., MILLER, K. K., and ELLIS, F. D.: Stereopsis in normal infants and infants with congenital esotropia, 591
- ARENA, J. E.: See HIDA, T., 190
- ARMALY, M. F.: Automated Perimetry. A Practical Guide, by Drance, S. M., and Anderson, D. (eds.) (book review), 504
- ARRIBAS, N. P.: See SCHOCH, L. H., 646
- AUGSBURGER, J. J.: See FLYNN, K., 160
- AUGSBURGER, J. J.: See SHIELDS, J. A., 451, 726

- AVILLA, C. W.: See VON NOORDEN, G. K., 70
- AXELROD, J. L., KLEIN, R. M., BERGEN, R. L., and SHEIKH, M. Z.: Human vitreous levels of cefamandole and moxalactam, 684

B

- BACHYNSKI, B. N.: See JOHNSON, M. R., 742
- BAGBY, G. C., JR.: See FRAUNFELDER, F. T., 129
- BAIRD, B.: See PALESTINE, A. G., 95
- BARAITSER, M.: See PATTON, M. A., 490
- BARISHAK, Y. R.: See PARMLEY, V. C., 680
- BARRON, B. A., BUSIN, M., PAGE, C., BERGSMA, D., and KAUFMAN, H. E.: Reply to HOFFER, K. J.: Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure (correspondence), 389
- BARTOV, E., MOISSEIEV, J., and BLUMENTHAL, M.: X16 Slit-lamp eyepiece, a high plus lens for indirect biomicroscopy (letter), 620
- BATEMAN, J. B., SPENCE, M. A., MARAZITA, M. L., and SPARKES, R. S.: Genetic linkage analysis of autosomal dominant congenital cataracts, 218
- BAUM, J., and BORUCHOFF, S. A.: Extended-wear contact lenses and pseudomonal corneal ulcers (editorial), 372
- BEATTY, R. F., ROBIN, J. B., TROUSDALE, M. D., and SMITH, R. E.: Anaerobic endophthalmitis caused by *Propionibacterium acnes* (letter), 114
- BECK, R. W.: See RAIZMAN, M. B., 308
- BEEBE, W. E., ABBOTT, R. L., and FUNG, W. E.: Hydroxychloroquine crystals in the tear film of a patient with rheumatoid arthritis (letter), 377
- BENEZRA, D., PE'ER, J., BRODSKY, M., and COHEN, E.: Cyclosporine eyedrops for the treatment of severe vernal keratoconjunctivitis, 278
- BENGER, R. S., and FRUEH, B. R.: Lacrimal drainage obstruction from lacrimal sac infiltration by lymphocytic neoplasia, 242
- BERGEN, R. L.: See AXELROD, J. L., 684
- BERGMANN, R. B.: See SEEDOR, J. A., 376
- BERGSMA, D.: See BARRON, B. A., 389
- BERRY, D. P.: See VAN BUSKIRK, E. M., 531
- BERSON, E. L.: See SIEVING, P. A., 361
- BIEBER, S.: See BUSIN, M., 374
- BIGLAN, A. W., GONNERING, R., LOCKHART, L. B., RABIN, B., and FUERSTE, F. H.: Absence of antibody production in patients treated with botulinum A toxin, 232
- BLODI, C.: See NICHOLSON, D. H., 187
- BLOOME, M. A.: Retinal Degeneration. Experimental and Clinical Studies, by LeVail, M. M., Hollyfield, J. G., and Anderson, R. E. (eds.) (book review), 258

- BLUMENTHAL, M.: See BARTOV, E., 620
 BLUMENTHAL, M.: See LOBEL, D., 611
 BLUMENTHAL, M.: See ROSNER, M., 117
 BOHIGIAN, G. M., and OLK, R. J.: Factors associated with a poor visual result in endophthalmitis, 332
 BONIUK, I.: See SCHOCH, L. H., 646
 BORUCHOFF, S. A.: See BAUM, J., 372
 BOUDREAU, G.: See HELVESTON, E. M., 135
 BOURNE, W. M.: See KENNEDY, R. H., 267
 BOWDEN, H. H., and SUTPHIN, J. E.: Nosocomial *Pseudomonas* keratitis in a critical-care nurse (letter), 612
 BOYS-SMITH, J. W.: See FINK, A. J., 695
 BREAR, R.: See FINK, A. J., 695
 BRENNAN, N. A., and LOWE, R.: Effects of hypotonic and hypertonic solutions on the fluid content of hydrophilic contact lenses (correspondence), 501
 BRIDGES, T.: See KARLIN, D., 445
 BRIGHTBILL, F. S.: See MANNIS, M. J., 385
 BRINSER, J. H.: See WEISS, A., 248
 BRODSKY, M.: See BENEZRA, D., 278
 BROOKS, J. S. J.: See EAGLE, R. C., Jr., 493
 BROWN, R. H.: See DAVENPORT, W. H., 736
 BROWNING, D. J., ROSENWASSER, G., and LUGO, M.: Ocular rosacea in blacks, 441
 BULARD, R. A.: See ROHRER, M. D., 49
 BURGESS, S. E. P.: See COLEMAN, D. J., 635
 BURNS, R. P.: See FLEISCHER, A. B., 283
 BUSIN, M., SUAREZ, H., BIEBER, S., and McDONALD, M. B.: Overcorrected visual acuity improved by antiglaucoma medication after radial keratotomy (letter), 374
 BUSIN, M.: See BARRON, B. A., 389
 BUSIN, M.: See YAU, C.-W., 44
- C
- CAMPBELL, R. J.: See PACH, J. M., 325
 CAMPO, R. V.: See AABERG, T. M., 389
 CANTRILL, H. L., and FOLK, J. C.: Multifocal choroiditis associated with progressive subretinal fibrosis, 170
 CAPRIOLI, J., and SEARS, M.: Regulation of intraocular pressure during cyclocryotherapy for advanced glaucoma, 542
 CARR, E. M.: See KROHEL, G. B., 121
 CASTRO, J. R.: See GOODMAN, D. F., 643
 CATALANO, R. A., and KASSOFF, A.: Irreversible intraocular lens vaulting with pupillary-block glaucoma (letter), 735
 CATALANO, R. A., SAX, R. D., and KROHEL, G. B.: Unilateral internuclear ophthalmoplegia after head trauma (letter), 491
 CHAN, C.-C.: See DETRICK, B., 584
 CHANDLER, D.: See HIDA, T., 190
 CHANDRA, S. R.: See MILLER, J. A., 116
 CHAR, D. H.: See GOODMAN, D. F., 643
 CHARAP, A. D.: See WANDEL, T., 298
 CHAYET, A. S., and CHAYET, V. J.: Unusual corneal complication of soft contact lens (correspondence), 623
 CHAYET, V. J.: See CHAYET, A. S., 623
 CHEW, H. C.: See HOROWITZ, G. S., 623
 CHIU, M. T.: See NICHOLSON, D. H., 125, 127
 CHRISTIANSON, D. J.: See POLINER, L. S., 387
 CHUBAK, G. S.: See PERLSTEIN, S., 383
 CLORFEINE, G. S., and PARKER, W. T.: Marking suture for use in adjustable strabismus surgery (letter), 614
 COBB, S.: See WANDEL, T., 298
 COHEN, E.: See BENEZRA, D., 278
 COHEN, E. J.: See DONNENFELD, E. D., 112
 COHEN, K. L., HOLMAN, R. E., TRIPOLI, N. K., and KUPPER, L. L.: Effect of trephine tilt on corneal button dimensions, 722
 COLEMAN, D. J.: Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 124
 COLEMAN, D. J., LIZZI, F. L., BURGESS, S. E. P., SILVERMAN, R. H., SMITH, M. E., DRILLER, J., ROSADO, A., ELLSWORTH, R. M., HAIK, B. G., ABRAMSON, D. H., and MCCORMICK, B.: Ultrasonic hyperthermia and radiation in the management of intraocular malignant melanoma, 635
 COOPER, D.: See KASS, M. A., 515
 COOPER, H.: See SHIELDS, J. A., 451
 COX, T. A.: Initial pupillary constriction in the alternating light test (letter), 120
 COX, T. A.: Pupillography of a relative afferent pupillary defect, 320
 CRAFT, J. L.: See ALBERT, D. M., 665
 CRAWFORD, J. B.: See GOODMAN, D. F., 643
 CRAWFORD, J. B.: See PARMLEY, V. C., 680
 CRAWFORD, J. S.: Correction of upper eyelid retraction using tissue removed in blepharoptosis repair, 600
 CROXSON, T. S.: See SANDOR, E. V., 153
 CYKIERT, R. C.: Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 500
- D
- DAHAN, E.: See WESSELS, I. F., 113
 DALMA, A.: See QUIROZ, H., 255
 DATE, S.: See MATSUO, T., 368
 DAVENPORT, W. H., BROWN, R. H., and LYNCH, M. G.: Hypotony after rotation of an intraocular lens haptic into a cyclodialysis cleft (letter), 736
 DE JONG, P. T. V. M.: See KAPPELHOF, J. P., 58
 DE JUAN, E., Jr.: See RINKOFF, J. S., 181
 DE LA CRUZ, Z. C.: See EL BABA, F., 576
 DELANEY, W. V., Jr.: Use of abbreviations in medical literature (letter), 113
 DELUISE, V.: See PIZZUTO, D., 249
 DELUISE, V. P., ZIMMERMAN, N., and PIZZUTO, D.: Choroidal malignant melanoma appearing as acute panophthalmitis (correspondence), 744
 DETRICK, B., RODRIGUES, M., CHAN, C.-C., TSO, M. O. M., and HOOKS, J. J.: Expression of HLA-DR antigen on retinal pigment epithelial cells in retinitis pigmentosa, 584

- DIECKERT, J. P.: See LAMBERT, H. M., 488
 DONNENFELD, E. D., COHEN, E. J., INGRAHAM, H. J., POLESKI, S. A., GOLDSMITH, E., and LAIBSON, P. R.: Corneal thinning in macular corneal dystrophy (letter), 112
 DONNENFELD, E. D.: See RABINOVITCH, J., 494
 DONOSO, L. A.: See FLYNN, K., 160
 DONOSO, L. A.: See SHIELDS, J. A., 451, 726
 DOUGHMAN, D. J.: See SUMMERS, C. G., 744
 DOUGLAS, G.: See KING, D., 204
 DOUGLAS, G. R.: See MIKELBERG, F. S., 7
 DOXANAS, M. T.: Surgical Anatomy of the Orbit, by Zide, B. M., and Jelks, G. W. (book review), 395
 DRAKE, M. M.: See VAN BUSKIRK, E. M., 531
 DRANCE, S. M.: See AIRAKSINEN, P. J., 208
 DRANCE, S. M.: See KING, D., 204
 DRANCE, S. M.: See MIKELBERG, F. S., 1
 DREYER, R. F.: See FOLK, J. C., 486
 DRILLER, J.: See COLEMAN, D. J., 635
 DUNN, S. A.: See RAO, N. A., 480
 DUZMAN, E.: See WANDEL, T., 298
 DYER, J. A.: See KENNEDY, R. H., 267

E

- EAGLE, R. C., JR., BROOKS, J. S. J., KATOWITZ, J. A., WEINBERG, J. C., and PERRY, H. D.: Fibrin as a major constituent of ligneous conjunctivitis (letter), 493
 EGAN, K.: See SEDDON, J. M., 126
 EL BABA, F., GREEN, W. R., FLEISCHMANN, J., FINKELSTEIN, D., and DE LA CRUZ, Z. C.: Clinicopathologic correlation of lipidization and detachment of the retinal pigment epithelium, 576
 ELLENHORN, N., LUCCHESI, N., and GREENWALD, M.: Juvenile myasthenia gravis and amblyopia, 214
 ELLIS, F. D.: See ARCHER, S. M., 591
 ELLIS, P. P.: Surgical Pharmacology of the Eye, by Sears, M. L., and Tarkkanen, A. (eds.) (book review), 135
 ELLSWORTH, R. M.: See COLEMAN, D. J., 635
 EMERY, J. M.: Cataract Surgery and Visual Rehabilitation, by Maumenee, A. E., Stark, W. J., and Esente, I. (eds.) (book review), 626
 EPSTEIN, D. L.: See ALLEN, R. C., 535
 EPSTEIN, D. L.: See JOHNSON, D. H., 13
 ERICKSON, P. J.: See WISE, J. B., 546
 ESCOFFERY, R. F.: See POLINER, L. S., 387
 ESCOFFERY, R. F.: See SCHOCH, L. H., 646

F

- FAUCI, A. S.: See PALESTINE, A. G., 95
 FELBERG, N. T.: See FLYNN, K., 160
 FELDMAN, R. B.: See ROBERTSON, D. M., 561
 FEMAN, S. S.: See WESTRICH, D. J., 739
 FINE, B. S.: See STAFFORD, T. J., 132
 FINK, A. J., BOYS-SMITH, J. W., and BREAR, R.: Management of large filtering blebs with the argon laser, 695
 FINKELSTEIN, D.: See EL BABA, F., 576

- FIORIO, J. V., JR.: See OBER, R. R., 81
 FISHER, B. L.: See STEFANSSON, E., 657
 FITZSIMONS, R., and PETERS, A. L.: Miconazole and ketoconazole as a satisfactory first-line treatment for keratomycosis, 605
 FLAMMER, J.: See HAAS, A., 199
 FLEISCHER, A. B., HOOVER, D. L., KHAN, J. A., PARISI, J. T., and BURNS, R. P.: Topical vancomycin formulation for methicillin-resistant *Staphylococcus epidermidis* blepharoconjunctivitis, 283
 FLEISCHMANN, J.: See EL BABA, F., 576
 FLYNN, K., FELBERG, N. T., KOEGEL, A., HAGER, R., SHIELDS, J. A., AUGSBURGER, J. J., and DONOSO, L. A.: Lymphocyte subpopulations before therapy in patients with uveal malignant melanoma, 160
 FOLK, J. C., and DREYER, R. F.: Cyanoacrylate adhesive in retinal detachment surgery (letter), 486
 FOLK, J. C.: See CANTRILL, H. L., 170
 FORSTER, R. K.: See ALFONSO, E., 429
 FOSTER, C. S.: See SINGH, G., 570
 FOX, M. J.: See ALFONSO, E., 429
 FRAUNFELDER, F. T., MEYER, S. M., and BAGBY, G. C., JR.: Reply to JOHNSON, T., and KASS, M. A.: Hematologic reactions to carbonic anhydrase inhibitors (correspondence), 129
 FRAZIER-BYRNE, S.: See NICHOLSON, D. H., 125, 127
 FRIBERG, T. R.: Diagnosis and pathogenesis of retinal pigment epithelial tears (correspondence), 502
 FRIBERG, T. R.: Long-term visual acuity results after penetrating and perforating ocular injuries (correspondence), 499
 FRIEDBERG, H. L., and KLINE, O. R., JR.: Contralateral amaurosis after retrobulbar injection, 689
 FRIEDMAN, A. H.: See RODGERS, R., 730
 FRUEH, B. R.: See BENDER, R. S., 242
 FUERSTE, F. H.: See BIGLAN, A. W., 232
 FUJIKAWA, L. S.: See PALESTINE, A. G., 95
 FUKUDA, H.: See KIYOSAWA, M., 310
 FUNG, W. E.: See BEEBE, W. E., 377

G

- GASTER, R.: See WANDEL, T., 298
 GELMANN, E.: See PALESTINE, A. G., 95
 GITTINGER, J. W., JR.: Functional monocular temporal hemianopsia, 226
 GITTINGER, J. W., JR.: See HUTCHINS, R. K., 616
 GOLD, J. B.: See LEMP, M. A., 274
 GOLDBERG, J.: See KASS, M. A., 515
 GOLDSMITH, E.: See DONNENFELD, E. D., 112
 GONNERING, R.: See BIGLAN, A. W., 232
 GOODMAN, D. F., CHAR, D. H., CRAWFORD, J. B., STONE, R. D., and CASTRO, J. R.: Uveal melanoma necrosis after helium ion therapy, 643
 GOOSEY, J. D.: See HOOK, S. R., 495
 GORDON, M.: See KASS, M. A., 515, 524
 GORDON, M. E.: See POLINER, L. S., 387
 GORE, H.: See INSLER, M. S., 41
 GRAGOUZAS, E.: See SEDDON, J. M., 126
 GRAND, M. G.: See SCHOCH, L. H., 646

- GRAVES, D. C.: See ROHRER, M. D., 49
 GREEN, W. R.: See EL BABA, F., 576
 GREEN, W. R.: See LANG, G. K., 28
 GREENWALD, M.: See ELLENHORN, N., 214
 GROVE, A. S., JR.: Maxillofacial Injuries. Volumes 1 and 2, by Rowe, N. L., and Williams, J. L. (eds.) (book review), 134
 GUTHOFF, R.: See SINGH, G., 570

H

- HAAS, A., FLAMMER, J., and SCHNEIDER, U.: Influence of age on the visual fields of normal subjects, 199
 HAGEN, A. P.-V., and WILLIAMS, G. A.: Argon laser treatment of a bleeding iris vascular tuft (letter), 379
 HAGER, R.: See FLYNN, K., 160
 HAIK, B. G.: See COLEMAN, D. J., 635
 HARA, S.: See HAYASAKA, S., 475
 HARDING, A. E.: See PATTON, M. A., 490
 HAROLD, R. E.: See LEDERER, C. M., JR., 691
 HARRISON, W.: See KARLIN, D., 445
 HARWICK, J. C.: See KOWALSKI, R. P., 437
 HATAZAWA, J.: See KIYOSAWA, M., 310
 HATCHELL, D. L.: See STEFANSSON, E., 657
 HAYASAKA, S., HARA, S., MIZUNO, K., NARISAWA, K., and TADA, K.: Leber's congenital amaurosis associated with hyperthreoninemia, 475
 HECK, E.: See SALAHUDDIN, S. Z., 149
 HELVESTON, E. M., and BOUDREAULT, G.: Binocular Vision and Ocular Motility. Theory and Management of Strabismus, 3rd ed., by von Noorden, G. K. (book review), 135
 HELVESTON, E. M.: See ARCHER, S. M., 591
 HENDERSON, P. N.: See WEINER, J. M., 252
 HERTZMARK, E.: See ALLEN, R. C., 535
 HIDA, T., CHANDLER, D., ARENA, J. E., and MACHEMER, R.: Experimental and clinical observations of the intraocular toxicity of commercial corticosteroid preparations, 190
 HILTON, G. P.: See PORTIS, J. M., 738
 HIROKAWA, H., JALKH, A. E., TAKAHASHI, M., TAKAHASHI, M., TREMPER, C. L., and SCHEPENS, C. L.: Role of the vitreous in idiopathic preretinal macular fibrosis, 166
 HOFFER, K. J.: Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure (correspondence), 389
 HOLLADAY, J. T.: See HOOK, S. R., 495
 HOLMAN, R. E.: See COHEN, K. L., 722
 HOOK, S. R.: Corneal changes during pilocarpine gel therapy (correspondence), 623
 HOOK, S. R., HOLLADAY, J. T., PRAGER, T. C., and GOOSEY, J. D.: Transient myopia induced by sulfonamides (letter), 495
 HOOKS, J. J.: See DETRICK, B., 584
 HOOVER, D. L.: See FLEISCHER, A. B., 283
 HOROWITZ, G. S., LIN, J., and CHEW, H. C.: Reply to CHAYET, A. S., and CHAYET, V. J.: Unusual corneal complication of soft contact lens (correspondence), 623

- HOWES, E. L., JR.: See PARMLEY, V. C., 680
 HSIEH, C.-C.: See SEDDON, J. M., 126
 HUGHES, J. R.: See NICHOLSON, D. H., 125, 127
 HURVITZ, L. M.: Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty (correspondence), 133
 HUTCHINS, R. K., GITTINGER, J. W., JR., and WEITER, J. J.: Optic disk and iris neovascularization after surgical interruption of the retinal circulation (letter), 616
 HYMAN, R.: See PINCHOFF, B. S., 741
 HYNDIUK, R. A.: Viral Diseases of the Eye, by Darrell, R. W. (ed.) (book review), 137

I

- IDO, T.: See KIYOSAWA, M., 310
 INGRAHAM, H. J.: See DONNENFELD, E. D., 112
 INOMATA, H.: See ISHIBASHI, T., 342
 INSLEER, M. S.: Acute corneal bullae produced during noncontact tonometry (letter), 375
 INSLEER, M. S., and AIELLO, J. P.: Reply to BRENNAN, N. A., and LOWE, R.: Effects of hypotonic and hypertonic solutions on the fluid content of hydrophilic contact lenses (correspondence), 502
 INSLEER, M. S., and GORE, H.: *Pseudomonas* keratitis and folliculitis from whirlpool exposure, 41
 INSLEER, M. S.: See ROSENTHAL, W. N., 164
 ISENBERG, S. J.: Macular development in the premature infant, 74
 ISHIBASHI, T., PATTERSON, R., OHNISHI, Y., INOMATA, H., and RYAN, S. J.: Formation of drusen in the human eye, 342
 ISHIBASHI, Y., and KAUFMAN, H. E.: Corneal biopsy in the diagnosis of keratomycosis, 288
 ITO, M.: See KIYOSAWA, M., 310

J

- JAKOBIEC, F.: See KARLIN, D., 445
 JALKH, A. E.: See HIROKAWA, H., 166
 JAMPOL, L. M.: See MEYER, R. J., 388
 JESTER, J. V., and SMITH, R. E.: Reply to STAFFORD, T. J., ANNESS, S. H., and FINE, B. S.: Subretinal neovascularization after experimental ocular histoplasmosis in a subhuman primate (correspondence), 133
 JOFFE, L.: See AABERG, T. M., 389
 JOHNSON, D. H.: Reply to HOOK, S. R.: Corneal changes during pilocarpine gel therapy (correspondence), 623
 JOHNSON, D. H., KENYON, K. R., EPSTEIN, D. L., and VAN BUSKIRK, E. M.: Corneal changes during pilocarpine gel therapy, 13
 JOHNSON, M. R., and BACHYNSKI, B. N.: Juvenile iridoschisis and microphthalmos (correspondence), 742
 JOHNSON, T., and KASS, M. A.: Hematologic reactions to carbonic anhydrase inhibitors (correspondence), 128
 JOHNSTON, G. P.: See SCHOCH, L. H., 646
 JORDAN, D. R., NERAD, J. A., and TSE, D. T.: Com-

- plete canalicular erosion associated with silicone stents (letter), 382
- JOST, B. F., OLK, R. J., and MCGAUGHEY, A.: Bilateral symptomatic multiple evanescent white-dot syndrome (letter), 489
- K**
- KALINA, R. E.: See KINYOUN, J. L., 650
- KALMAN, C. M.: See ROSECAN, L. R., 405
- KANEKO, A.: See NAKAJIMA, T., 102
- KAPLAN, H. J.: Lymphocyte subpopulations in uveal malignant melanoma (editorial), 483
- KAPPELHOF, J. P., VRENSSEN, G. F. J. M., DE JONG, P. T. V. M., PAMEYER, J., and WILLEKENS, B.: Ultrastructural study of Elschnig's pearls in the pseudophakic eye, 58
- KARLIN, D., JAKOBIEC, F., HARRISON, W., BRIDGES, T., PATEL, C. K. N., STRNAD, A. R., and WOOD, O., II: Endophotocoagulation in vitrectomy with a carbon dioxide laser, 445
- KARMON, G., and SAVIR, H.: Retinal damage after argon laser iridotomy, 554
- KASS, M. A., GORDON, M., and MELTZER, D. W.: Can ophthalmologists correctly identify patients defaulting from pilocarpine therapy?, 524
- KASS, M. A., MELTZER, D. W., GORDON, M., COOPER, D., and GOLDBERG, J.: Compliance with topical pilocarpine treatment, 515
- KASS, M. A.: See JOHNSON, T., 128
- KASSOFF, A.: See CATALANO, R. A., 735
- KATO, K.: See NAKAJIMA, T., 102
- KATOWITZ, J. A.: See EAGLE, R. C., Jr., 493
- KAUFMAN, H. E.: See BARRON, B. A., 389
- KAUFMAN, H. E.: See ISHIBASHI, Y., 288
- KAUFMAN, H. E.: See YAU, C.-W., 44
- KAWASE, Y.: See SHIOSE, Y., 714
- KENNEDY, R. H., BOURNE, W. M., and DYER, J. A.: 48-Year clinical and epidemiologic study of keratoconus, 267
- KENYON, K. R.: See JOHNSON, D. H., 13
- KESTELYN, P.: Rhinoscleroma with bilateral orbital involvement (letter), 381
- KHAN, J. A.: See FLEISCHER, A. B., 283
- KING, D., DRANCE, S. M., DOUGLAS, G., SCHULZER, M., and WIJSMAN, K.: Comparison of visual field defects in normal-tension glaucoma and high-tension glaucoma, 204
- KINYOUN, J. L., and KALINA, R. E.: Visual loss from choroidal ischemia, 650
- KIYOSAWA, M., MIZUNO, K., HATAZAWA, J., FUKUDA, H., YAMADA, K., ITO, M., MATSUZAWA, T., WATANUKI, S., and IDO, T.: Metabolic imaging in hemianopsia using positron emission tomography with ^{18}F -deoxyfluoroglucose, 310
- KLEIN, B. E. K.: Geriatric Ophthalmology, by Kwitko, M. L., and Weinstock, F. J. (eds.) (book review), 745
- KLEIN, R. M.: Removal of fibrin clot from anterior chamber in endophthalmitis (letter), 251
- KLEIN, R. M.: See AXELROD, J. L., 684
- KLINE, O. R., JR.: See FRIEDBERG, H. L., 689
- KOEGEL, A.: See FLYNN, K., 160
- KOENIG, S. B.: Myopic shift in refraction after penetrating keratoplasty with pediatric donor tissue (letter), 740
- KOIDE, N.: See MATSUO, T., 368
- KOLKER, A. E.: See POLINER, L. S., 387
- KOREMAN, N. M.: Clinical study of contact-lens-related keratoconus (correspondence), 390
- KOWALSKI, R. P., and HARWICK, J. C.: Incidence of *Moraxella* conjunctival infection, 437
- KOYAMA, M.: See MATSUO, T., 368
- KOYAMA, T.: See MATSUO, T., 368
- KREISSIG, I.: See LINCOFF, H., 90
- KROHEL, G. B., CARR, E. M., and WEBB, R. M.: Intralésional corticosteroids for inflammatory lesions of the orbit (letter), 121
- KROHEL, G. B.: See CATALANO, R. A., 491
- KUPPER, L. L.: See COHEN, K. L., 722
- KUSHNER, B. J.: Simple technique to tighten loose sutures during strabismus surgery (letter), 123
- KUSHNER, F. H.: See WEINREB, R. N., 196
- L**
- LAIBSON, P. R.: See DONNENFELD, E. D., 112
- LAIBSON, P. R.: See RABINOVITCH, J., 494
- LAKOWSKI, R.: See AIRAKSINEN, P. J., 208
- LAMBERT, H. M., and DIECKERT, J. P.: Wedge implant used as exoplant (letter), 488
- LAMBERTS, D.: See SEEDOR, J. A., 376
- LANE, H. C.: See PALESTINE, A. G., 95
- LANG, G. K., GREEN, W. R., and MAUMENEE, A. E.: Clinicopathologic studies of keratoplasty eyes obtained post mortem, 28
- LASKIN, O. L.: See ROSECAN, L. R., 405
- LAU, W.: See MIKELBERG, F. S., 1
- LEDERER, C. M., JR., and HAROLD, R. E.: Drop size of commercial glaucoma medications, 691
- LEDFORD, D. K.: See WEISS, A., 248
- LEE, W. R.: Working with visual display units (editorial), 107
- LEMAGNE, J.-M.: Eyelid suspension with a transposed levator palpebrae superioris muscle (correspondence), 131
- LEMKE, B. N., WEXLER, S. A., and WOOG, J. J.: Modification of the Kerrison rongeur (letter), 384
- LEMP, M. A., and GOLD, J. B.: Effects of extended-wear hydrophilic contact lenses on the human corneal epithelium, 274
- LETSON, R. D.: See SUMMERS, C. G., 744
- LEVENSON, J. E.: Visual loss in anterior membrane dystrophy (letter), 615
- LEWIS, R. A.: See WANDEL, T., 298
- LIN, J.: See HOROWITZ, G. S., 623
- LINCOFF, H., KREISSIG, I., and RICHARD, G.: Treating avulsed vessels with a temporary balloon buckle, 90
- LIZZI, F. L.: See COLEMAN, D. J., 635
- LOBEL, D.: Fiberoptic slit-lamp attachment (letter), 498
- LOBEL, D., and BLUMENTHAL, M.: Aspiration-irrigation syringe for extracapsular cataract extrac-

- tion operated with one hand (letter), 611
 LOCKEY, R. F.: See WEISS, A., 248
 LOCKHART, L. B.: See BIGLAN, A. W., 232
 LOPINTO, R. J.: See PRYWES, A. S., 305
 LOWE, R.: See BRENNAN, N. A., 501
 LUCCHESI, N.: See ELLENHORN, N., 214
 LUCKENBACH, M.: See SALAHUDDIN, S. Z., 149
 LUE, J. C.: See WANDEL, T., 298
 LUFKIN, M.: See SUMMERS, C. G., 744
 LUGO, M., and TIEDEMAN, J. S.: Computerized scoring and graphing of the Farnsworth-Munsell 100-hue color vision test, 469
 LUGO, M.: See BROWNING, D. J., 441
 LUSTGARTEN, J. S.: See VAN BUSKIRK, E. M., 531
 LYNCH, M. G.: See DAVENPORT, W. H., 736

M

- MACHEMER, R.: See HIDA, T., 190
 MACHEMER, R.: See STEFANSSON, E., 657
 MAGGIANO, J. M.: See OBER, R. R., 81
 MANDELBAUM, S.: See ALFONSO, E., 429
 MANISCHEWITZ, J.: See PALESTINE, A. G., 95
 MANNIS, M. J., BRIGHTBILL, F. S., and MOORE, T. J.: HTLV-III screening by eye banks (correspondence), 385
 MANSELL, P. W. A.: See AKULA, S. K., 622
 MARAZITA, M. L.: See BATEMAN, J. B., 218
 MARGO, C. E.: Acetazolamide and advanced liver disease (letter), 611
 MARGO, C. E.: See WEISS, A., 248
 MARSHALL, J., and SLINNEY, D. H.: Endoexcimer laser intraocular ablative photodecomposition (correspondence), 130
 MARTIN, J. A.: See PACH, J. M., 325
 MARTIN, J. J.: See ULLMAN, S., 256
 MASUR, H.: See PALESTINE, A. G., 95
 MATSUO, N., TAKABATAKE, M., UENO, H., NAKAYAMA, T., and MATSUO, T.: Photoreceptor outer segments in the aqueous humor in rhegmatogenous retinal detachment, 673
 MATSUO, N.: See MATSUO, T., 368
 MATSUO, T., DATE, S., TSUJI, T., KOYAMA, M., NAKAYAMA, T., KOYAMA, T., MATSUO, N., and KOIDE, N.: Immune complex containing herpesvirus antigen in a patient with acute retinal necrosis, 368
 MATSUO, T.: See MATSUO, N., 673
 MATSUZAWA, T.: See KIYOSAWA, M., 310
 MAUMENEE, A. E.: See LANG, G. K., 28
 MAWSON, D.: See MIKELBERG, F. S., 7
 MCCANNEL, M. A.: Practice Enhancement. A Physician's Guide to Success in Private Practice, by Korneluk, G. N. (book review), 258
 MCCORMICK, B.: See COLEMAN, D. J., 635
 MCCUEN, B. W., II: See RINKOFF, J. S., 181
 MCCULLEY, J. P.: See SALAHUDDIN, S. Z., 149
 McDONALD, M. B.: See BUSIN, M., 374
 MCGAUGHEY, A.: See JOST, B. F., 489
 MCKENNEY, M. J.: See SOONG, H. K., 380
 McLEAN, I. W.: See PEER, J., 458
 MEGILL, M.: See PALESTINE, A. G., 95
 MELTZER, D. W.: See KASS, M. A., 515, 524

- MERMELSTEIN, J. R.: See WILENSKY, J. T., 710
 MEYER, R. J., and JAMPOL, L. M.: Recurrences and bilaterality in the multiple evanescent white-dot syndrome (correspondence), 388
 MEYER, S. M.: See FRAUNFELDER, F. T., 129
 MEZA, A.: See QUIROZ, H., 255
 MIKELBERG, F. S., DOUGLAS, G. R., SCHULZER, M., AIRAKSINEN, P. J., WIJSMAN, K., and MAWSON, D.: Correlation between cup-disk ratio, neuroretinal rim area, and optic disk area measured by the video-ophthalmograph (Rodentstock analyzer) and clinical measurement, 7
 MIKELBERG, F. S., SCHULZER, M., DRANCE, S. M., and LAU, W.: Rate of progression of scotomas in glaucoma, 1
 MILDVAN, D.: See SANDOR, E. V., 153
 MILLER, J. A., CHANDRA, S. R., and STEVENS, T. S.: Modified technique for performing outpatient fluid-air exchange following vitrectomy surgery (letter), 116
 MILLER, K. K.: See ARCHER, S. M., 591
 MILLMAN, A.: See SANDOR, E. V., 153
 MINCKLER, D. S.: See WAN, W. L., 700
 MIZUNO, K.: See HAYASAKA, S., 475
 MIZUNO, K.: See KIYOSAWA, M., 310
 MOISSEIEV, J.: See BARTOV, E., 620
 MOORE, T. J.: See MANNIS, M. J., 385
 MORINAGA, S.: See NAKAJIMA, T., 102
 MOSIER, M. A.: Reply to QUIROZ, H., ACRDENAS, F., MEZA, A., and DALMA, A.: Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 256
 MUNNERLYN, C. R.: See WISE, J. B., 546

N

- NAKAJIMA, T., KATO, K., KANEKO, A., TSUMURAYA, M., MORINAGA, S., and SHIMOSATO, Y.: High concentrations of enolase, α - and γ -subunits, in the aqueous humor in cases of retinoblastoma, 102
 NAKAYAMA, T.: See MATSUO, N., 673
 NAKAYAMA, T.: See MATSUO, T., 368
 NARISAWA, K.: See HAYASAKA, S., 475
 NAUHEIM, J. S., and PERRY, H. D.: Reply to KOREMAN, N. M.: Clinical study of contact-lens-related keratoconus (correspondence), 390
 NAY, R. E.: See STULTING, R. D., 156
 NELSON, L. B.: See ULLMAN, S., 256
 NERAD, J. A.: See JORDAN, D. R., 382
 NEUHAUS, R. W.: Reply to LEMAGNE, J.-M.: Eyelid suspension with a transposed levator palpebrae superioris muscle (correspondence), 132
 NEWELL, F. W.: History of Ophthalmology. Vol. 6. The First Half of the Nineteenth Century (Part Two), by Hirschberg, J. (book review), 745
 NEWELL, F. W.: History of Ophthalmology. Vol. 2. The Middle Ages. The Sixteenth and Seventeenth Centuries, by Hirschberg, J. (book review), 137
 NEWELL, F. W.: History of Ophthalmology. Vol. 5. The Renaissance of Ophthalmology in the Eighteenth Century (Part Three). The First

- Half of the Nineteenth Century (Part One), by Hirschberg, J. (book review), 394
- NEWELL, F. W.: Human Experimentation. A Guided Step Into the Unknown, by Silverman, W. A. (book review), 392
- NEWELL, F. W.: King, John Harry, Jr. (Obituary), 746
- NEWELL, F. W.: XXV International Congress of Ophthalmology, 755
- NEWSOME, D. A.: Retinal fluorescein leakage in retinitis pigmentosa, 354
- NICHOLSON, D. H., ANDERSON, L. S., and BLODI, C.: Rhegmatogenous retinal detachment in angiomatosis retinae, 187
- NICHOLSON, D. H., FRAZIER-BYRNE, S., CHIU, M. T., SCHIFFMAN, J., HUGHES, J. R., and NOVINSKI, E. K.: Reply to COLEMAN, D. J.: Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 125
- NICHOLSON, D. H., FRAZIER-BYRNE, S., CHIU, M. T., SCHIFFMAN, J., HUGHES, J. R., and NOVINSKI, E. K.: Reply to SEDDON, J. M., GRAGOUDES, E., ALBERT, D., HSIEH, C.-C., POLIVOGIANIS, L., and EGAN, K.: Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 127
- NIFFENEGER, J. H.: See SIEVING, P. A., 361
- NOVACK, G. D.: See WANDEL, T., 298
- NOVINSKI, E. K.: See NICHOLSON, D. H., 125, 127
- NUSSENBLATT, R. B.: See PALESTINE, A. G., 95
- NUSSENBLATT, R. B.: See SALAHUDDIN, S. Z., 149
- O
- OBER, R. R., WILKINSON, C. P., FIORE, J. V., JR., and MAGGIANO, J. M.: Rhegmatogenous retinal detachment after neodymium-YAG laser capsulotomy in phakic and pseudophakic eyes, 81
- O'BRIEN, P. C.: See PACH, J. M., 325
- O'DAY, D. M.: Risk posed by HTLV-III-infected corneal donor tissue (editorial), 246
- OHNISHI, Y.: See ISHIBASHI, T., 342
- OKUN, E.: See SCHOCH, L. H., 646
- OLK, R. J.: See BOHIGIAN, G. M., 332
- OLK, R. J.: See JOST, B. F., 489
- OLK, R. J.: See SCHOCH, L. H., 646
- ORCUTT, J. C.: See WHITSON, W. E., 236
- P
- PACH, J. M., ROBERTSON, D. M., TANEY, B. S., MARTIN, J. A., CAMPBELL, R. J., and O'BRIEN, P. C.: Prognostic factors in choroidal and ciliary body melanomas with extrascleral extension, 325
- PAGE, C.: See BARRON, B. A., 389
- PALESTINE, A. G., STEVENS, G., JR., LANE, H. C., MASUR, H., FUJIKAWA, L. S., NUSSENBLATT, R. B., ROOK, A. H., MANISCHEWITZ, J., BAIRD, B., MEGILL, M., QUINNAN, G., GELMANN, E., and FAUCI, A. S.: Treatment of cytomegalovirus retinitis with dihydroxy propoxymethyl guanine, 95
- PALESTINE, A. G.: See SALAHUDDIN, S. Z., 149
- PALMER, E. A.: Recognizing Patterns of Ocular Childhood Diseases, by Nelson, L. B., Brown, G. C., and Arentsen, J. J. (book review), 136
- PAMEYER, J.: See KAPPELHOF, J. P., 58
- PARISI, J. T.: See FLEISCHER, A. B., 283
- PARKER, W. T.: See CLORFINE, G. S., 614
- PARMLEY, V. C., BARISHAK, Y. R., HOWES, E. L., JR., and CRAWFORD, J. B.: Foreign-body giant cell reaction to liquid silicone, 680
- PARTAMIAN, L.: See WANDEL, T., 298
- PATEL, C. K. N.: See KARLIN, D., 445
- PATTERSON, R.: See ISHIBASHI, T., 342
- PATTON, M. A., HARDING, A. E., and BARAITSER, M.: Congenital trichomegaly, pigmentary retinal degeneration, and short stature (letter), 490
- PATZ, A.: Observations on the retinopathy of prematurity (correspondence), 390
- PATZ, A.: Retinopathy of Prematurity, by Silverman, W. A., and Flynn, J. T. (eds.) (book review), 625
- PE'ER, J., SAVINO, D. F., MCLEAN, I. W., and ZIMMERMAN, L. E.: Posterior uveal melanomas in aphakic and pseudophakic eyes, 458
- PE'ER, J.: See BENEZRA, D., 278
- PELED, I. J.: See ZELIGOWSKI, A. A., 254
- PERKINS, E. S.: The Myopias, by Curtin, B. J. (book review), 395
- PERLMAN, J. P.: See WEINREB, R. N., 706
- PERLSTEIN, S., and CHUBAK, G. S.: Excision of anterior capsular tags (letter), 383
- PERRY, H. D.: See EAGLE, R. C., JR., 493
- PERRY, H. D.: See NAUHEIM, J. S., 390
- PERRY, H. D.: See SEDOR, J. A., 376
- PETERS, A. L.: See FITZSIMONS, R., 605
- PINCHOFF, B. S., SLAVIN, M. L., ROSENSTEIN, D., and HYMAN, R.: Divergence paralysis as the initial sign in the Miller Fisher syndrome (letter), 741
- PIZZUTO, D., DELUISE, V., and ZIMMERMAN, N.: Choroidal malignant melanoma appearing as acute panophthalmitis, 249
- PIZZUTO, D.: See DELUISE, V. P., 744
- PODOS, S. M.: See VAN BUSKIRK, E. M., 531
- POLACK, F. M.: Graft rejection and glaucoma, 294
- POLESKI, S. A.: See DONNENFELD, E. D., 112
- POLINER, L. S., CHRISTIANSON, D. J., ESCOFFERY, R. F., KOLKER, A. E., and GORDON, M. E.: Reply to REIFLER, D. M.: Neovascular glaucoma after intracapsular and extracapsular cataract extraction in diabetic patients (correspondence), 387
- POLIVOGIANIS, L.: See SEDDON, J. M., 126
- POLLOCK, S. C.: The Pupil, by Alexandridis, E. (book review), 394
- PORTIS, J. M., VERNE, A. Z., and HILTON, G. P.: Sodium hyaluronate, hyphema, and vitreoretinal surgery (letter), 738
- PRAGER, T. C.: See HOOK, S. R., 495
- PRICE, M.: See AIRAKSINEN, P. J., 208
- PROIA, A. D.: See ANTOSZYK, A., 618
- PRUETT, R. C.: See ALBERT, D. M., 665

- PRYWES, A. S., and LOPINTO, R. J.: Temporary visual loss with ciliary body detachment and hypotony after attempted YAG laser repair of failed filtering surgery, 305

Q

- QUINNAN, G.: See PALESTINE, A. G., 95
QUIROZ, H., ACRDENAS, F., MEZA, A., and DALMA, A.: Anterior retinal cryotherapy in diabetic vitreous hemorrhage (correspondence), 255

R

- RABIN, B.: See BIGLAN, A. W., 232
RABINOVITCH, J., DONNENFELD, E. D., and LAIBSON, P. R.: Management of Cogan's syndrome (letter), 494
RAIZMAN, M. B., and BECK, R. W.: Sustained increases in intraocular pressure during strabismus surgery, 308
RAO, N. A., DUNN, S. A., ROMERO, J. L., and STOUT, W.: Bilateral carcinomas of the eyelid, 480
RAO, N. A.: See WAN, W. L., 700
REIFLER, D. M.: Neovascular glaucoma after intracapsular and extracapsular cataract extraction in diabetic patients (correspondence), 386
REINHART, W. J.: See THALL, E. H., 597
RICHARD, G.: See LINCOFF, H., 90
RINKOFF, J. S., DE JUAN, E., JR., and MCCUEN, B. W., II: Silicone oil for retinal detachment with advanced proliferative vitreoretinopathy following failed vitrectomy for proliferative diabetic retinopathy, 181
RITCH, R.: See WEINREB, R. N., 196
ROBERTSON, D. M., and FELDMAN, R. B.: Photoc retinopathy from the operating room microscope, 561
ROBERTSON, D. M.: See PACH, J. M., 325
ROBIN, J. B.: See BEATTY, R. F., 114
ROBINSON, D.: See ANTOSZYK, A., 618
ROCHE, J.: See WEINER, J. M., 252
RODGERS, R., WEINER, M., and FRIEDMAN, A. H.: Ocular involvement in congenital leukemia, 730
RODRIGUES, M.: See DETRICK, B., 584
RODRIGUES, M. M., STULTING, R. D., and WARING, G. O., III: Clinical, electron microscopic, and immunohistochemical study of the corneal endothelium and Descemet's membrane in the iridocorneal endothelial syndrome, 16
RODRIGUES, M. M.: See STULTING, R. D., 156
ROHRER, M. D., TERRY, M. A., BULARD, R. A., GRAVES, D. C., and TAYLOR, E. M.: Microwave sterilization of hydrophilic contact lenses, 49
ROMERO, J. L.: See RAO, N. A., 480
ROOK, A. H.: See PALESTINE, A. G., 95
ROSADO, A.: See COLEMAN, D. J., 635
ROSECAN, L. R., STAHL-BAYLISS, C. M., KALMAN, C. M., and LASKIN, O. L.: Antiviral therapy for

cytomegalovirus retinitis in AIDS with dihydroxy propoxymethyl guanine, 405

- ROSENSTEIN, D.: See PINCHOFF, B. S., 741
ROSENTHAL, W. N., SABATES, M. A., and INSLER, M. S.: Effects of retinal detachment repair on clear corneal grafts, 164
ROSENWASSER, G.: See BROWNING, D. J., 441
ROSNER, M., SHARIR, M., and BLUMENTHAL, M.: Optical aberrations from a well-centered intraocular lens implant (letter), 117
RUIZ, R.: See AKULA, S. K., 622
RUMELT, M. B.: Disposable cystotome-cannula (letter), 385
RYAN, S. J.: See ISHIBASHI, T., 342

S

- SABATES, M. A.: See ROSENTHAL, W. N., 164
SABOL, D.: See THALL, E. H., 597
SALAHUDDIN, S. Z., PALESTINE, A. G., HECK, E., ABLASHI, D., LUCKENBACH, M., MCCULLEY, J. P., and NUSSENBLATT, R. B.: Isolation of the human T-cell leukemia/lymphotropic virus type III from the cornea, 149
SAMPLES, J. R., and VAN BUSKIRK, E. M.: Reply to CYKIERT, R. C.: Pigmentary glaucoma associated with posterior chamber intraocular lenses (correspondence), 501
SANDOR, E. V., MILLMAN, A., CROXSON, T. S., and MILDVAN, D.: Herpes zoster ophthalmicus in patients at risk for the acquired immune deficiency syndrome (AIDS), 153
SAVINO, D. F.: See PE'ER, J., 458
SAVIR, H.: See KARMON, G., 554
SAX, R. D.: See CATALANO, R. A., 491
SCHEPENS, C. L.: See HIROKAWA, H., 166
SCHIFFMAN, J.: See NICHOLSON, D. H., 125, 127
SCHNEIDER, U.: See HAAS, A., 199
SCHOCH, L. H., OLK, R. J., ARRIBAS, N. P., OKUN, E., JOHNSTON, G. P., BONIUK, I., ESCOFFERY, R. F., and GRAND, M. G.: Lincoff temporary balloon buckle, 646
SCHULZER, M.: See KING, D., 204
SCHULZER, M.: See MIKELBERG, F. S., 1, 7
SCHWARTZ, L.: See ULLMAN, S., 419
SEARS, M.: See CAPRIOLI, J., 542
SEBESTYEN, J. G.: Intraocular lenses and diabetes mellitus, 425
SEDDON, J. M., GRAGOUDAS, E., ALBERT, D., HSIEH, C.-C., POLIVOGIANIS, L., and EGAN, K.: Echographic and histologic tumor height measurements in uveal melanoma (correspondence), 126
SEEDOR, J. A., LAMBERTS, D., BERGMANN, R. B., and PERRY, H. D.: Filamentary keratitis associated with diphenhydramine hydrochloride (Benadryl) (letter), 376
SHARIR, M.: See ROSNER, M., 117
SHEIKH, M. Z.: See AXELROD, J. L., 684
SHIELDS, J. A., AUGSBURGER, J. J., and DONOSO, L. A.: Orbital dermoid cyst of conjunctival origin, 726
SHIELDS, J. A., COOPER, H., DONOSO, L. A., AUGS-

- BURGER, J. J., and ARBIZO, V.: Immunohistochemical and ultrastructural study of unusual IgM lambda lymphoplasmacytic tumor of the lacrimal gland, 451
- SHIELDS, J. A.: See FLYNN, K., 160
- SHIELDS, M. B.: See ANTOSZYK, A., 618
- SHIMOSATO, Y.: See NAKAJIMA, T., 102
- SHIOSE, Y., and KAWASE, Y.: New approach to stratified normal intraocular pressure in a general population, 714
- SHOCK, J. P., and ADAMS, D. F.: Reply to FRIBERG, T. R.: Long-term visual acuity results after penetrating and perforating ocular injuries (correspondence), 500
- SIEGEL, H. G.: See WILENSKY, J. T., 710
- SIEVING, P. A., NIFFENEGGER, J. H., and BERSON, E. L.: Electroretinographic findings in selected pedigrees with choroideremia, 361
- SILVERMAN, R. H.: See COLEMAN, D. J., 635
- SINGH, G., GUTHOFF, R., and FOSTER, C. S.: Observations on long-term follow-up of posterior scleritis, 570
- SLAKTER, J. S.: See YANNUZZI, L. A., 619
- SLAVIN, M. L.: Clinicoradiographic correlation of bilateral horizontal gaze palsy and slowed vertical saccades with midline dorsal pontine lesion on magnetic resonance imaging (letter), 118
- SLAVIN, M. L.: See PINCHOFF, B. S., 741
- SLINEY, D. H.: See MARSHALL, J., 130
- SMITH, J.: See WANDEL, T., 298
- SMITH, M. E.: Ophthalmic Pathology. An Atlas and Textbook, 3rd ed. Volumes 1 and 2, by Spencer, W. H. (book review), 134
- SMITH, M. E.: See COLEMAN, D. J., 635
- SMITH, R. E.: Refractive Corneal Surgery, 2nd ed., by Sanders, D. R., Hofmann, R. F., and Salz, J. J. (eds.) (book review), 391
- SMITH, R. E.: See BEATTY, R. F., 114
- SMITH, R. E.: See JESTER, J. V., 133
- SOMMER, A.: Data on Blindness and Visual Impairment in the U.S. A Resource Manual on Characteristics, Education, Employment and Service Delivery, by Kirchner, C. (book review), 505
- SOONG, H. K., MCKENNEY, M. J., and WOLTER, J. R.: Adrenochrome staining of senile plaque resembling malignant melanoma (letter), 380
- SPARKES, R. S.: See BATEMAN, J. B., 218
- SPENCE, M. A.: See BATEMAN, J. B., 218
- STAFFORD, T. J., ANNESS, S. H., and FINE, B. S.: Subretinal neovascularization after experimental ocular histoplasmosis in a subhuman primate (correspondence), 132
- STAHL-BAYLISS, C. M.: See ROSECAN, L. R., 405
- STEFÁNSSON, E., HATCHELL, D. L., FISHER, B. L., SUTHERLAND, F. S., and MACHEMER, R.: Panretinal photocoagulation and retinal oxygenation in normal and diabetic cats, 657
- STEVENS, G., JR.: See PALESTINE, A. G., 95
- STEVENS, T. S.: See MILLER, J. A., 116
- STONE, R. D.: See GOODMAN, D. F., 643
- STOUT, W.: See RAO, N. A., 480
- STRNAD, A. R.: See KARLIN, D., 445
- STULTING, R. D., RODRIGUES, M. M., and NAY, R. E.: Ultrastructure of traumatic corneal endothelial rings, 156
- STULTING, R. D.: See RODRIGUES, M. M., 16
- SUAREZ, H.: See BUSIN, M., 374
- SUMMERS, C. G., DOUGHMAN, D. J., LETSON, R. D., and LUFKIN, M.: Reply to JOHNSON, M. R., and BACHYNSKI, B. N.: Juvenile iridoschisis and microphthalmos (correspondence), 744
- SUTHERLAND, F. S.: See STEFÁNSSON, E., 657
- SUTPHIN, J. E.: See BOWDEN, H. H., 612

T

- TADA, K.: See HAYASAKA, S., 475
- TAKABATAKE, M.: See MATSUO, N., 673
- TAKAHASHI, M.: See HIROKAWA, H., 166, 166
- TANEY, B. S.: See PACH, J. M., 325
- TAYLOR, E. M.: See ROHRER, M. D., 49
- TAYLOR, H. R.: Simplified method for viewing slides stereoscopically (letter), 498
- TERRY, M. A.: See ROHRER, M. D., 49
- THALL, E. H., REINHART, W. J., and SABOL, D.: Linear regression software for intraocular lens implant power calculation, 597
- TIEDEMAN, J. S.: See LUGO, M., 469
- TOBLER, W. R.: See WELEBER, R. G., 461
- TREMPE, C. L.: See HIROKAWA, H., 166
- TRESE, M. T.: Two-hand dissection technique during closed vitrectomy for retinopathy of prematurity (letter), 251
- TRIPOLI, N. K.: See COHEN, K. L., 722
- TROUSDALE, M. D.: See BEATTY, R. F., 114
- TSE, D. T.: See JORDAN, D. R., 382
- TSO, M. O. M.: See DETRICK, B., 584
- TSUJI, T.: See MATSUO, T., 368
- TSUMURAYA, M.: See NAKAJIMA, T., 102

U

- UENO, H.: See MATSUO, N., 673
- ULLMAN, S., NELSON, L. B., and MARTIN, J. J.: Traumatic laceration of the inferior rectus muscle, 100:855; correction, 256
- ULLMAN, S., WILSON, R. P., and SCHWARTZ, L.: Bilateral angle-closure glaucoma in association with the acquired immune deficiency syndrome, 419

V

- VAN BUSKIRK, E. M.: Chandler and Grant's Glaucoma, 3rd ed., by Epstein, D. L. (ed.) (book review), 504
- VAN BUSKIRK, E. M.: Compliance factor (editorial), 609
- VAN BUSKIRK, E. M., WEINREB, R. N., BERRY, D. P., LUSTGARTEN, J. S., PODOS, S. M., and DRAKE, M. M.: Betaxolol in patients with glaucoma and asthma, 531
- VAN BUSKIRK, E. M.: See JOHNSON, D. H., 13
- VAN BUSKIRK, E. M.: See SAMPLES, J. R., 501

- VERNE, A. Z.: See PORTIS, J. M., 738
 VON NOORDEN, G. K., and AVILLA, C. W.: Nonaccommodative convergence excess, 70
 VRABEC, M.: Compensatory head positions in muscle palsies (letter), 383
 VRENSSEN, G. F. J. M.: See KAPPELHOF, J. P., 58

W

- WALKER, A. M.: See ALLEN, R. C., 535
 WALKINSHAW, M. D.: See WHITSON, W. E., 236
 WAN, W. L., MINCKLER, D. S., and RAO, N. A.: Pupillary-block glaucoma associated with childhood cystinosis, 700
 WANDEL, T., CHARAP, A. D., LEWIS, R. A., PARTAMIAN, L., COBB, S., LUE, J. C., NOVACK, G. D., GASTER, R., SMITH, J., and DUZMAN, E.: Glaucoma treatment with once-daily levobunolol, 298
 WARING, G. O., III: See RODRIGUES, M. M., 16
 WATANUKI, S.: See KIYOSAWA, M., 310
 WEBB, R. M.: See KROHEL, G. B., 121
 WEINBERG, J. C.: See EAGLE, R. C., JR., 493
 WEINER, J. M., HENDERSON, P. N., and ROCHE, J.: Metastatic eyelid carcinoma (letter), 252
 WEINER, M.: See RODGERS, R., 730
 WEINREB, R. N., and PERLMAN, J. P.: Effect of refractive correction on automated perimetric thresholds, 706
 WEINREB, R. N., RITCH, R., and KUSHNER, F. H.: Effect of adding betaxolol to dipivefrin therapy, 196
 WEINREB, R. N.: See VAN BUSKIRK, E. M., 531
 WEINSTEIN, J. M.: Thyroid Diseases, by Char, D. H. (book review), 257
 WEISS, A., MARGO, C. E., LEDFORD, D. K., LOCKEY, R. F., and BRINSER, J. H.: Toxoplasmic retinochoroiditis as an initial manifestation of the acquired immune deficiency syndrome (letter), 248
 WEITER, J. J.: See HUTCHINS, R. K., 616
 WELEBER, R. G., and TOBLER, W. R.: Computerized quantitative analysis of kinetic visual fields, 461
 WESSELS, I. F., and DAHAN, E.: Eccentric corneal grafts (letter), 113
 WESTRICH, D. J., and FEMAN, S. S.: Macular arterio-
 lar occlusions in sickle cell beta-thalassemia (letter), 739
 WEXLER, M. R.: See ZELIGOWSKI, A. A., 254
 WEXLER, S. A.: See LEMKE, B. N., 384
 WHITSON, W. E., ORCUTT, J. C., and WALKINSHAW, M. D.: Orbital osteoma in Gardner's syndrome, 236
 WIJSMAN, K.: See KING, D., 204
 WIJSMAN, K.: See MIKELBERG, F. S., 7
 WILENSKY, J. T., MERMELSTEIN, J. R., and SIEGEL, H. G.: Use of different-sized stimuli in automated perimetry, 710
 WILHELMUS, K. R.: Myiasis palpebrarum (letter), 496
 WILKINSON, C. P.: See OBER, R. R., 81
 WILLEKENS, B.: See KAPPELHOF, J. P., 58
 WILLIAMS, G. A.: Reply to MARSHALL, J., and SLINNEY, D. H.: Endoexcimer laser intraocular ablative photodecomposition (correspondence), 131
 WILLIAMS, G. A.: See HAGEN, A. P-V, 379
 WILSON, L. A., and AHEARN, D. G.: Association of fungi with extended-wear soft contact lenses, 434
 WILSON, R. P.: See ULLMAN, S., 419
 WISE, J. B., MUNNERLYN, C. R., and ERICKSON, P. J.: High-efficiency laser iridotomy-sphincterotomy lens, 546
 WOLTER, J. R.: See SOONG, H. K., 380
 WOOD, O., II: See KARLIN, D., 445
 WOOG, J. J.: See LEMKE, B. N., 384

Y

- YAMADA, K.: See KIYOSAWA, M., 310
 YANNUZZI, L. A., and SLAKTER, J. S.: Macula photo-coagulation lens (letter), 619
 YAU, C.-W., BUSIN, M., and KAUFMAN, H. E.: Ocular concentration of gentamicin after penetrating keratoplasty, 44

Z

- ZELIGOWSKI, A. A., PELED, I. J., and WEXLER, M. R.: Eyelid necrosis after spider bite (letter), 254
 ZIMMERMAN, L. E.: See PE'ER, J., 458
 ZIMMERMAN, N.: See DELUISE, V. P., 744
 ZIMMERMAN, N.: See PIZZUTO, D., 249

ABSTRACT INDEX

A

- Acanthamoeba sp.**
Acanthamoeba keratitis successfully treated medically, 508
- Accommodation**
Therapy of Adie's syndrome with dilute pilocarpine hydrochloride solutions, 749
- Aceclidine**
Timolol and aceclidine, 506
- Acetazolamide**
Effects of timolol, epinephrine, and acetazolamide on aqueous flow during sleep, 141
Hyaluronate increases intraocular pressure when used in cataract extraction, 397
- Actinomycin D**
Chiasmal optic glioma treated with chemotherapy, 510
- Acyclovir**
Oral acyclovir in herpetic keratitis, 511
Viral keratitis, 399
- Adie's syndrome**
Therapy of Adie's syndrome with dilute pilocarpine hydrochloride solutions, 749
- Albinism**
Minimal pigment. A new type of oculocutaneous albinism, 748
- Allergy**
Cromolyn sodium in seasonal allergic conjunctivitis, 400
Double-blind evaluation of topical levocabastine, a new specific H₁ antagonist in patients with allergic conjunctivitis, 507
Effect of anaphylaxis on conjunctival goblet cells, 141
- Amblyopia**
Pattern evoked electroretinogram. Its variability in normals and its relationship to amblyopia, 261
Tobacco-alcohol amblyopia neuro-ophthalmological findings and clinical course, 259
Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263
- Amyloid**
Familial amyloidosis with cranial neuropathy and corneal lattice dystrophy, 749
- Anterior chamber**
Effects of timolol, epinephrine, and acetazolamide on aqueous flow during sleep, 141
Hyaluronate increases intraocular pressure when used in cataract extraction, 397
- Anterior segment**
Anterior segment and intraocular pressure measurements of the unanesthetized premature infant, 143
Important advance in microsurgery. Zeiss 0° stereo microscope for coworkers, 510

Antigen

Immunocytologic methods in the diagnosis of orbital tumors, 629

Antihistamine

Double-blind evaluation of topical levocabastine, a new specific H₁ antagonist in patients with allergic conjunctivitis, 507

Aqueous humor

Effects of timolol, epinephrine, and acetazolamide on aqueous flow during sleep, 141

Arteritis

Treatment of temporal arteritis with ocular involvement, 748

Atropine

Cross-over study of the cycloplegic effects of a single topical application of cyclopentolate-phenylephrine and routine atropinisation for 3.5 days, 506

Azathioprine

Beneficial effects of intensive plasma exchange followed by immunosuppressive therapy in severe Graves' ophthalmopathy, 747

B

Blepharoplasty

Nonsurgical upper blepharoplasty, 400

Blepharospasm

Blepharospasm, Meige syndrome, and hemifacial spasm. Treatment with botulinum toxin, 143
Blepharospasm with bilateral basal ganglia infarction, 507

Blindness

Blepharospasm, Meige syndrome, and hemifacial spasm. Treatment with botulinum toxin, 143

Botulinum toxin

Blepharospasm, Meige syndrome, and hemifacial spasm. Treatment with botulinum toxin, 143
Paralytic strabismus. The role of botulinum toxin, 628

Bradycardia

Bradycardia induced by interaction between quinidine and ophthalmic timolol, 397

C

Capsule

Role of the posterior capsule in the prevention of postoperative bacterial endophthalmitis. Experimental primate studies and clinical implications, 509

Capsulotomy

Damage to the corneal endothelium by Q-switched Nd:YAG laser posterior capsulotomy, 144

Carcinoma

Isolation and characterization of angiogenin, an angiogenic protein from human carcinoma cells, 139

Carotid artery

- Failure of extracranial-intracranial arterial bypass to reduce the risk of ischemic stroke, 262

Cataract

- Direct and maternal aspects of the risk of cataract with partial disorders of galactose metabolism, 399
- Hyaluronate increases intraocular pressure when used in cataract extraction, 397
- Lenticular psoralen photoproducts and cataracts of a PUVA-treated psoriatic patient, 259
- Macular deposits in galactokinase deficiency, 142
- Ocular findings in patients treated with PUVA, 142
- Role of the posterior capsule in the prevention of postoperative bacterial endophthalmitis. Experimental primate studies and clinical implications, 509
- Wavelength dependency of cataracts in albino mice following chronic exposure, 509

Cavernous sinus

- Acute bilateral ophthalmoplegia. 60 cases, 631

Central retinal artery

- Cilioretinal collateral circulation after occlusion of the central retinal artery, 508

Children

- Association of diabetes insipidus, diabetes mellitus, optic atrophy, and deafness, 260
 - Chiasmic optic glioma treated with chemotherapy, 510
 - Comparison of four non-depolarizing neuromuscular blocking drugs in the suppression of the oculocardiac reflex during strabismus surgery in children, 627
 - Cross-over study of the cycloplegic effects of a single topical application of cyclopentolate-phenylephrine and routine atropinisation for 3.5 days, 506
 - Direct and maternal aspects of the risk of cataract with partial disorders of galactose metabolism, 399
 - Educational attainment of 10-year-old children with treated and untreated visual defects, 139
 - Macular deposits in galactokinase deficiency, 142
 - Orbital rhabdomyosarcoma. Improved survival with combined pulsed chemotherapy and irradiation, 397
 - Progression of neurovisceral storage disease with supranuclear ophthalmoplegia following orthotopic liver transplantation, 631
 - Quantitative surgical guidelines for bimedial recession for infantile esotropia, 139
 - Reconstruction of the eyebrow in the pediatric burn patient, 144
 - Spectacle prescribing among 10-year-old children, 627
- Chlamydia sp.**
- Enzyme immunoassay for diagnosis of neonatal chlamydial conjunctivitis, 510
- Ciliary body**
- Sodium hyaluronate (Healon) in cyclodialysis, 139
 - Transscleral cyclophotocoagulation using a neodymium YAG laser, 749

Color vision

- Lithium effects on ophthalmological-electrophysiological parameters in young healthy volunteers, 259

Computed tomography

- Method for volume determination of the orbit and its contents by high resolution axial tomography and quantitative digital image analysis, 752
- Studies on enophthalmos. II. The measurement of orbital injuries and their treatment by quantitative computed tomography, 750

Congenital disorders

- Posterior polymorphous dystrophy of the cornea, 399

Conjunctiva

- Acanthamoeba* keratitis successfully treated medically, 508
- Effect of anaphylaxis on conjunctival goblet cells, 141
- Pharmacologic inhibition of immediate hypersensitivity in the guinea pig conjunctiva, 142

Conjunctivitis

- Cromolyn sodium in seasonal allergic conjunctivitis, 400
- Double-blind evaluation of topical levocabastine, a new specific H_1 antagonist in patients with allergic conjunctivitis, 507
- Enzyme immunoassay for diagnosis of neonatal chlamydial conjunctivitis, 510

Contact lens

- Corneal endothelial polymegathism induced by PMMA contact lens, 140
- Effects of long-term extended contact lens wear on the human cornea, 261
- Tear analysis in contact lens wearers, 751

Contrast sensitivity

- Central and peripheral contrast sensitivity for static and dynamic sinusoidal gratings in glaucoma, 506
- Central contrast sensitivity tests in the detection of early glaucoma, 506
- Clinical detection of abnormalities in central vision in chronic simple glaucoma using contrast sensitivity, 399
- Detection of optic nerve damage in ocular hypertension, 628

Cornea

- Acanthamoeba* keratitis successfully treated medically, 508
- Anterior segment and intraocular pressure measurements of the unanesthetized premature infant, 143
- Biochemical studies of normal and keratoconus corneas, 747
- Corneal endothelial polymegathism induced by PMMA contact lens, 140
- Damage to the corneal endothelium by Q-switched Nd:YAG laser posterior capsulotomy, 144
- Effects of long-term extended contact lens wear on the human cornea, 261
- Familial amyloidosis with cranial neuropathy and

- corneal lattice dystrophy, 749
- Granulomatous reaction in herpetic stromal keratitis. Immunohistological and ultrastructural findings, 507
- Inflammatory mechanisms in corneal ulceration, 752
- In vivo study of the corneal surface in keratoconjunctivitis sicca, 264
- Isolation and characterization of angiogenin, an angiogenic protein from human carcinoma cells, 139
- Onchocerciasis. Experimental models of ocular disease, 511
- Oral acyclovir in herpetic keratitis, 511
- Physical chemistry of the normal and disordered tear film, 263
- Posterior polymorphous corneal dystrophy. A disease characterized by epithelial-like endothelial cells which influence management and prognosis, 751
- Posterior polymorphous dystrophy of the cornea, 399
- Topical retinoid treatment for dry eye disorders, 264
- Topical therapy for dry eyes, 264
- Ultrasonic fetal ophthalmology, 628
- Viral keratitis, 399
- Cortical blindness**
- Visual field rehabilitation in the cortically blind?, 509
- Corticosteroid**
- "Sinister" Tolosa-Hunt syndrome, 630
- Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263
- Treatment of severe Graves' ophthalmopathy with cyclosporin A, 627
- Cromolyn sodium**
- Cromolyn sodium in seasonal allergic conjunctivitis, 400
- Cyclopentolate**
- Cross-over study of the cycloplegic effects of a single topical application of cyclopentolate-phenylephrine and routine atropinisation for 3.5 days, 506
- Cyclosporine**
- Cyclosporin therapy for uveitis. Long-term follow-up, 749
- Treatment of severe Graves' ophthalmopathy with cyclosporin A, 627
- Cystoid macular edema**
- Aphakic cystoid macular edema and the operating microscope. Is there a connection?, 751
- D**
- Descemet's membrane**
- Posterior polymorphous dystrophy of the cornea, 399
- Desferrioxamine**
- Cerebral and ocular toxicity induced by desferrioxamine, 401
- Diabetes**
- Association of diabetes insipidus, diabetes mellitus, optic atrophy, and deafness, 260

- Lens changes and survival in a population-based study, 262
- Limited joint mobility in insulin-dependent diabetes. Relationship to retinopathy, peripheral nerve function and HLA status, 263
- Optic nerve hypoplasia and maternal diabetes mellitus, 627
- Preoperative electroretinograms and visual evoked cortical potentials for predicting outcome of vitrectomy in diabetics, 401
- Diabetic retinopathy**
- Factors influencing the development of visual loss in advanced diabetic retinopathy, 141
- Multiple factors in the prediction of risk of proliferative diabetic retinopathy, 262
- Recurrent proliferations in macular pucker, diabetic retinopathy, and retrolental fibroplasia-like disease after vitrectomy, 261

E

- Edema**
- Aphakic cystoid macular edema and the operating microscope. Is there a connection?, 751
- Electro-oculography**
- Lithium effects on ophthalmological-electrophysiological parameters in young healthy volunteers, 259
- Electroretinography**
- Lithium effects on ophthalmological-electrophysiological parameters in young healthy volunteers, 259
- Pattern evoked electroretinogram. Its variability in normals and its relationship to amblyopia, 261
- Preoperative electroretinograms and visual evoked cortical potentials for predicting outcome of vitrectomy in diabetics, 401
- Endophthalmitis**
- Endophthalmitis following intraocular lens implantation. Report of 30 cases and review of the literature, 750
- Role of the posterior capsule in the prevention of postoperative bacterial endophthalmitis. Experimental primate studies and clinical implications, 509
- Endothelium**
- Damage to the corneal endothelium by Q-switched Nd:YAG laser posterior capsulotomy, 144
- Posterior polymorphous corneal dystrophy. A disease characterized by epithelial-like endothelial cells which influence management and prognosis, 751
- Posterior polymorphous dystrophy of the cornea, 399
- Enophthalmos**
- Mechanisms of global support and posttraumatic enophthalmos. I. The anatomy of the ligament sling and its relation to intramuscular cone orbital fat, 750
- Studies on enophthalmos. II. The measurement of orbital injuries and their treatment by quantitative computed tomography, 750
- Enzyme**
- Direct and maternal aspects of the risk of cataract

with partial disorders of galactose metabolism, 399

Enzyme immunoassay for diagnosis of neonatal chlamydial conjunctivitis, 510

Retinal dystrophy. Development retarded by galactose feeding in spontaneously hypertensive rats, 632

Epinephrine

Effects of timolol, epinephrine, and acetazolamide on aqueous flow during sleep, 141

Esotropia

Quantitative surgical guidelines for bimedial recession for infantile esotropia, 139

Extraocular muscle

Paralytic strabismus. The role of botulinum toxin, 628

Eyedrops

Individual responsiveness to topical pilocarpine and the effects of variations in application technique, 747

Eyelid

Nonsurgical upper blepharoplasty, 400

Palatal grafts for eyelid reconstruction, 143

Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263

Ultrasonographic visualization of the fetal eye, 630

F

Fluorescein angiography

Clinical value of fluorescein iris angiography for the early detection of vascular lesions, 510

Fundus

New ocular findings in Gaucher's disease. A report of two brothers, 631

Fundus flavimaculatus

Clinical review of Stargardt's disease and/or fundus flavimaculatus with follow-up, 629

G

Galactokinase

Macular deposits in galactokinase deficiency, 142

Galactose

Direct and maternal aspects of the risk of cataract with partial disorders of galactose metabolism, 399

Retinal dystrophy. Development retarded by galactose feeding in spontaneously hypertensive rats, 632

Gaucher's disease

New ocular findings in Gaucher's disease. A report of two brothers, 631

Genetics

Familial amyloidosis with cranial neuropathy and corneal lattice dystrophy, 749

Macular deposits in galactokinase deficiency, 142

Minimal pigment. A new type of oculocutaneous albinism, 748

New ocular findings in Gaucher's disease. A report of two brothers, 631

Tapeto-retinal degeneration in four Norwegian counties. II. Diagnostic evaluation of 407 relatives and genetic evaluation of 87 families, 748

Glaucoma

Acanthamoeba keratitis successfully treated medically, 508

Central and peripheral contrast sensitivity for static and dynamic sinusoidal gratings in glaucoma, 506

Central contrast sensitivity tests in the detection of early glaucoma, 506

Clinical detection of abnormalities in central vision in chronic simple glaucoma using contrast sensitivity, 399

Production and mechanism of ghost cell glaucoma in the cat and primate, 141

Timolol and aceclidine, 506

Wedge-shaped retinal nerve fiber layer defects in experimental glaucoma. Preliminary report, 140

Glioma

Chiasmatic optic glioma treated with chemotherapy, 510

Immunocytologic methods in the diagnosis of orbital tumors, 629

Globe

Mechanisms of global support and posttraumatic enophthalmos. I. The anatomy of the ligament sling and its relation to intramuscular cone orbital fat, 750

Ultrasonic fetal ophthalmology, 628

Graves' disease

Beneficial effects of intensive plasma exchange followed by immunosuppressive therapy in severe Graves' ophthalmopathy, 747

Treatment of severe Graves' ophthalmopathy with cyclosporin A, 627

Guillain-Barré syndrome

Acute bilateral ophthalmoplegia. 60 cases, 631

H

Hemangioma

Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263

Herpes simplex

Granulomatous reaction in herpetic stromal keratitis. Immunohistological and ultrastructural findings, 507

Viral keratitis, 399

Herpesvirus

Oral acyclovir in herpetic keratitis, 511

Herpes zoster

Viral keratitis, 399

Histamine

Effect of anaphylaxis on conjunctival goblet cells, 141

Histoplasmosis

Spontaneous visual improvement in the first affected eye of patients with bilateral disciform scars, 401

HLA

Limited joint mobility in insulin-dependent diabetes. Relationship to retinopathy, peripheral nerve function and HLA status, 263

Hypermetropia

Educational attainment of 10-year-old children

- with treated and untreated visual defects, 139
- Hyphema**
Postural response of intraocular pressure following traumatic hyphaema, 398
- Hypopyon**
Acanthamoeba keratitis successfully treated medically, 508

I

- Iodoxuridine**
Viral keratitis, 399
- Immunology**
Immunocytologic methods in the diagnosis of orbital tumors, 629
- Indomethacin**
Effects of topical indomethacin pretreatment on argon laser trabeculoplasty. A randomised, double-masked study on black South Africans, 398
- Infants**
Anterior segment and intraocular pressure measurements of the unanesthetized premature infant, 143
Enzyme immunoassay for diagnosis of neonatal chlamydial conjunctivitis, 510
Evolution of the visual prognosis of prematures in the last 20 years, 629
Optic nerve hypoplasia in infancy, 630
Posterior polymorphous dystrophy of the cornea, 399
Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263
- Intraocular lens**
Endophthalmitis following intraocular lens implantation. Report of 30 cases and review of the literature, 750
- Intraocular pressure**
Anterior segment and intraocular pressure measurements of the unanesthetized premature infant, 143
Effects of topical indomethacin pretreatment on argon laser trabeculoplasty. A randomised, double-masked study on black South Africans, 398
Hyaluronate increases intraocular pressure when used in cataract extraction, 397
Postural response of intraocular pressure following traumatic hyphaema, 398
Sodium hyaluronate (Healon) in cyclodialysis, 139
Wedge-shaped retinal nerve fiber layer defects in experimental glaucoma. Preliminary report, 140
- Iridotomy**
Neodymium: YAG laser iridotomy in the cynomolgus monkey, 140
- Iris**
Clinical value of fluorescein iris angiography for the early detection of vascular lesions, 510
Minimal pigment. A new type of oculocutaneous albinism, 748
Pigmentary dispersion syndrome. A biometric study, 747
Posterior polymorphous corneal dystrophy. A disease characterized by epithelial-like endothelial cells which influence management and prognosis, 751

Ultrasonic fetal ophthalmology, 628

Ischemia

- Failure of extracranial-intracranial arterial bypass to reduce the risk of ischemic stroke, 262
Snail track degeneration of the peripheral retina. Ultrastructural study, 511

K

Keratitis

- Acanthamoeba* keratitis successfully treated medically, 508
Combined treatment of herpetic dendritic keratitis with blunt spatula debridement and trifluoromethidine, 631
Granulomatous reaction in herpetic stromal keratitis. Immunohistological and ultrastructural findings, 507
Oral acyclovir in herpetic keratitis, 511
Viral keratitis, 399

Keratoconjunctivitis sicca

- In vivo study of the corneal surface in keratoconjunctivitis sicca, 264
Topical retinoid treatment for dry eye disorders, 264
Topical therapy for dry eyes, 264

Keratoconus

- Biochemical studies of normal and keratoconus corneas, 747

L

Laser

- Damage to the corneal endothelium by Q-switched Nd:YAG laser posterior capsulotomy, 144
Effects of topical indomethacin pretreatment on argon laser trabeculoplasty. A randomised, double-masked study on black South Africans, 398
Neodymium: YAG laser iridotomy in the cynomolgus monkey, 140
Transscleral cyclophotocoagulation using a neodymium YAG laser, 749

Lattice corneal dystrophy

- Familial amyloidosis with cranial neuropathy and corneal lattice dystrophy, 749

Lens

- Lens changes and survival in a population-based study, 262
Lenticular psoralen photoproducts and cataracts of a PUVA-treated psoriatic patient, 259
Ocular findings in patients treated with PUVA, 142
Pigmentary dispersion syndrome. A biometric study, 747
Ultrasonic fetal ophthalmology, 628
Wavelength dependency of cataracts in albino mice following chronic exposure, 509

Levocabastine

- Double-blind evaluation of topical levocabastine, a new specific H₁ antagonist in patients with allergic conjunctivitis, 507

M

Macula

- Aphakic cystoid macular edema and the operating microscope. Is there a connection?, 751
Macular deposits in galactokinase deficiency, 142
Recurrent proliferations in macular pucker, diabet-

- ic retinopathy, and retrolental fibroplasia-like disease after vitrectomy, 261
- Screening for antimalarial maculopathy in rheumatology clinics, 260
- Spontaneous visual improvement in the first affected eye of patients with bilateral disciform scars, 401
- Magnetic resonance**
 - Nuclear magnetic resonance tomography of the orbit at 3.4 MHz, 398
- Melanoma**
 - Immunocytologic methods in the diagnosis of orbital tumors, 629
- Myopia**
 - Educational attainment of 10-year-old children with treated and untreated visual defects, 139
 - Multiple factors in the prediction of risk of proliferative diabetic retinopathy, 262

N

- Neovascularization**
 - Isolation and characterization of angiogenin, an angiogenic protein from human carcinoma cells, 139
- Nerve fiber layer**
 - Wedge-shaped retinal nerve fiber layer defects in experimental glaucoma. Preliminary report, 140
- Neurofibromatosis**
 - Value of visual evoked potential as a screening test in neurofibromatosis, 397
- Niemann-Pick disease**
 - Progression of neurovisceral storage disease with supranuclear ophthalmoplegia following orthotopic liver transplantation, 631

O

- Oculocardiac reflex**
 - Comparison of four non-depolarizing neuromuscular blocking drugs in the suppression of the oculocardiac reflex during strabismus surgery in children, 627
- Onchocerciasis**
 - Onchocerciasis. Experimental models of ocular disease, 511
- Ophthalmoplegia**
 - Acute bilateral ophthalmoplegia. 60 cases, 631
 - Progression of neurovisceral storage disease with supranuclear ophthalmoplegia following orthotopic liver transplantation, 631
 - Total ophthalmoplegia after internal maxillary artery ligation, 260
- Optic atrophy**
 - Association of diabetes insipidus, diabetes mellitus, optic atrophy, and deafness, 260
- Optic disk**
 - Central contrast sensitivity tests in the detection of early glaucoma, 506
 - Factors influencing the development of visual loss in advanced diabetic retinopathy, 141
- Optic nerve**
 - Chiasmatic optic glioma treated with chemotherapy, 510

- Detection of optic nerve damage in ocular hypertension, 628
- Immunocytologic methods in the diagnosis of orbital tumors, 629
- Optic nerve hypoplasia and maternal diabetes mellitus, 627
- Optic nerve hypoplasia in infancy, 630
- Treatment of severe Graves' ophthalmopathy with cyclosporin A, 627
- Ultrasonic fetal ophthalmology, 628
- Wedge-shaped retinal nerve fiber layer defects in experimental glaucoma. Preliminary report, 140

Optic neuropathy

- Cerebral and ocular toxicity induced by desferrioxamine, 401

Orbit

- Glued fixation of split-skin graft to the bony orbit following exenteration, 263
- Immunocytologic methods in the diagnosis of orbital tumors, 629
- Mechanisms of global support and posttraumatic enophthalmos. I. The anatomy of the ligament sling and its relation to intramuscular cone orbital fat, 750
- Method for volume determination of the orbit and its contents by high resolution axial tomography and quantitative digital image analysis, 752
- Nuclear magnetic resonance tomography of the orbit at 3.4 MHz, 398
- Orbital rhabdomyosarcoma. Improved survival with combined pulsed chemotherapy and irradiation, 397
- "Sinister" Tolosa-Hunt syndrome, 630
- Studies on enophthalmos. II. The measurement of orbital injuries and their treatment by quantitative computed tomography, 750
- Total ophthalmoplegia after internal maxillary artery ligation, 260
- Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263

P

Phenylephrine

- Cross-over study of the cycloplegic effects of a single topical application of cyclopentolate-phenylephrine and routine atropinisation for 3.5 days, 506

Photocoagulation

- Transscleral cyclophotocoagulation using a neodymium YAG laser, 749

Photoreceptor cell

- Retinal dystrophy. Development retarded by galactose feeding in spontaneously hypertensive rats, 632

Pigment dispersion syndrome

- Pigmentary dispersion syndrome. A biometric study, 747

Pilocarpine

- Individual responsiveness to topical pilocarpine and the effects of variations in application technique, 747

Therapy of Adie's syndrome with dilute pilocarpine hydrochloride solutions, 749

Posterior segment

Important advance in microsurgery. Zeiss 0° stereo microscope for coworkers, 510

Prednisolone

Beneficial effects of intensive plasma exchange followed by immunosuppressive therapy in severe Graves' ophthalmopathy, 747

Prednisone

Treatment of temporal arteritis with ocular involvement, 748

Propamidine isethionate

Acanthamoeba keratitis successfully treated medically, 508

Psoralen

Lenticular psoralen photoproducts and cataracts of a PUVA-treated psoriatic patient, 259

Ocular findings in patients treated with PUVA, 142

Pupil

Therapy of Adie's syndrome with dilute pilocarpine hydrochloride solutions, 749

Tonic pupils in neurosyphilis, 630

Ultrasonic fetal ophthalmology, 628

Q

Quinidine

Bradycardia induced by interaction between quinidine and ophthalmic timolol, 397

R

Radiation

Wavelength dependency of cataracts in albino mice following chronic exposure, 509

Radiation therapy

Chiasmatic optic glioma treated with chemotherapy, 510

Orbital rhabdomyosarcoma. Improved survival with combined pulsed chemotherapy and irradiation, 397

Rectus muscle

Quantitative surgical guidelines for bimedial recession for infantile esotropia, 139

Refraction

Cross-over study of the cycloplegic effects of a single topical application of cyclopentolate-phenylephrine and routine atropinisation for 3.5 days, 506

Retina

Failure of extracranial-intracranial arterial bypass to reduce the risk of ischemic stroke, 262

New ocular findings in Gaucher's disease. A report of two brothers, 631

Pattern evoked electroretinogram. Its variability in normals and its relationship to amblyopia, 261

Retinal dystrophy. Development retarded by galactose feeding in spontaneously hypertensive rats, 632

Snail track degeneration of the peripheral retina. Ultrastructural study, 511

Wedge-shaped retinal nerve fiber layer defects in experimental glaucoma. Preliminary report, 140

Retinal detachment

Results of 100 aphakic detachments treated with a temporary balloon buckle. A case against routine encircling operations, 508

Retinitis pigmentosa

Tapeto-retinal degeneration in four Norwegian counties. II. Diagnostic evaluation of 407 relatives and genetic evaluation of 87 families, 748

Retinoblastoma

Concurrent pineoblastoma and unilateral retinoblastoma. A forme fruste of trilateral retinoblastoma?, 143

Retinopathy

Cerebral and ocular toxicity induced by desferrioxamine, 401

Factors influencing the development of visual loss in advanced diabetic retinopathy, 141

Limited joint mobility in insulin-dependent diabetes. Relationship to retinopathy, peripheral nerve function and HLA status, 263

Multiple factors in the prediction of risk of proliferative diabetic retinopathy, 262

Retinopathy of prematurity

Evolution of the visual prognosis of prematures in the last 20 years, 629

Recurrent proliferations in macular pucker, diabetic retinopathy, and retrolental fibroplasia-like disease after vitrectomy, 261

Retrolental fibroplasia

Recurrent proliferations in macular pucker, diabetic retinopathy, and retrolental fibroplasia-like disease after vitrectomy, 261

Rhabdomyosarcoma

Orbital rhabdomyosarcoma. Improved survival with combined pulsed chemotherapy and irradiation, 397

S

Sclera

Sodium hyaluronate (Healon) in cyclodialysis, 139

Scleral buckle

Results of 100 aphakic detachments treated with a temporary balloon buckle. A case against routine encircling operations, 508

Sodium hyaluronate

Hyaluronate increases intraocular pressure when used in cataract extraction, 397

Sodium hyaluronate (Healon) in cyclodialysis, 139

Spectacles

Spectacle prescribing among 10-year-old children, 627

Staphylococcus sp.

Endophthalmitis following intraocular lens implantation. Report of 30 cases and review of the literature, 750

Stargardt's disease

Clinical review of Stargardt's disease and/or fundus flavimaculatus with follow-up, 629

Stereoscopic vision

Therapy of Adie's syndrome with dilute pilocarpine hydrochloride solutions, 749

Strabismus

Comparison of four non-depolarizing neuromus-

cular blocking drugs in the suppression of the oculocardiac reflex during strabismus surgery in children, 627

Paralytic strabismus. The role of botulinum toxin, 628

Treatment of periorbital infantile hemangioma with intralesional corticosteroid, 263

T

Tears

Physical chemistry of the normal and disordered tear film, 263

Tear analysis in contact lens wearers, 751

Timolol

Bradycardia induced by interaction between quinine and ophthalmic timolol, 397

Cardiovascular effects of ophthalmic timolol, 748

Effects of timolol, epinephrine, and acetazolamide on aqueous flow during sleep, 141

Timolol and aceclidine, 506

Tolosa-Hunt syndrome

"Sinister" Tolosa-Hunt syndrome, 630

Trabecular meshwork

Posterior polymorphous corneal dystrophy. A disease characterized by epithelial-like endothelial cells which influence management and prognosis, 751

Trabeculectomy

Trabeculectomy with iridencleisis, 628

Trabeculoplasty

Effects of topical indomethacin pretreatment on argon laser trabeculoplasty. A randomised, double-masked study on black South Africans, 398

Trifluorothymidine

Combined treatment of herpetic dendritic keratitis with blunt spatula debridement and trifluorothymidine, 631

Viral keratitis, 399

U

Ulcer

Inflammatory mechanisms in corneal ulceration, 752

Viral keratitis, 399

Uveitis

Cyclosporin therapy for uveitis. Long-term follow-up, 749

V

Vernal conjunctivitis

Effect of anaphylaxis on conjunctival goblet cells, 141

Vincristine

Chiasmatic optic glioma treated with chemotherapy, 510

Visual acuity

Lithium effects on ophthalmological-electrophysiological parameters in young healthy volunteers, 259

Screening for antimalarial maculopathy in rheumatology clinics, 260

Spontaneous visual improvement in the first affected eye of patients with bilateral disciform scars, 401

Treatment of temporal arteritis with ocular involvement, 748

Value of visual evoked potential as a screening test in neurofibromatosis, 397

Visual development

Ultrasonic fetal ophthalmology, 628

Ultrasonographic visualization of the fetal eye, 630

Visual-evoked potential

Lithium effects on ophthalmological-electrophysiological parameters in young healthy volunteers, 259

Preoperative electroretinograms and visual evoked cortical potentials for predicting outcome of vitrectomy in diabetics, 401

Value of visual evoked potential as a screening test in neurofibromatosis, 397

Visual field

Lesions of the optic radiations mimicking lateral geniculate nucleus visual field defects, 400

Optic nerve hypoplasia and maternal diabetes mellitus, 627

Screening for antimalarial maculopathy in rheumatology clinics, 260

Value of visual evoked potential as a screening test in neurofibromatosis, 397

Visual field rehabilitation in the cortically blind?, 509

Visual loss

Factors influencing the development of visual loss in advanced diabetic retinopathy, 141

Visual screening

Educational attainment of 10-year-old children with treated and untreated visual defects, 139

Vitrectomy

Preoperative electroretinograms and visual evoked cortical potentials for predicting outcome of vitrectomy in diabetics, 401

Recurrent proliferations in macular pucker, diabetic retinopathy, and retrolental fibroplasia-like disease after vitrectomy, 261

Vitreous

Production and mechanism of ghost cell glaucoma in the cat and primate, 141

